

# Administration presents rationale for plan to close architecture faculty

by Judith Knelman

A capacity crowd consisting mainly of architecture and landscape architecture students and faculty members heard Provost Joan Foley tell a joint meeting of planning and resources and academic affairs that

the scholarly output of the faculty is so low its closure would not significantly diminish U of T's contributions to research in the field.

In the past five years, said Foley, 17 individuals on the faculty have produced 20 articles and two books. Four

of the articles and the two books were written by the same person.

She said the low level of research and publishing, the faculty's isolation from other programs and divisions and long-standing differences in governance influenced the decision of the administration to recommend closure of the faculty. (In the latest of a series of resignations, the chairman of the architecture program, Douglas Lee, resigned after a student boycott of program offerings that he had selected.)

"The University cannot willingly go

further down a road to reducing all of its divisions to a level of mediocrity," said Foley. She acknowledged that the situation is better in landscape architecture than in architecture, but

*Continued on Page 2*



Dentistry break-in

Vandals who broke into the Faculty of Dentistry sometime during the weekend of Feb. 15 and 16 broke equipment, sprayed graffiti and smeared paint on floors, walls and elevator doors on the fourth and fifth floors of the faculty's old and new wings. Damage is estimated at \$10,000. The office of Dr. Barry Sessle (above), associate dean of research, was a particular target of the vandals, who identified themselves in the graffiti as the ALF (Animal Liberation Front). They also sprayed graffiti around the entrance way to the animal facilities. James Kenyon, director of the Division of Laboratory Animal Science, says dentistry has at most 50 animals for research. Because of incidents such as that at dentistry, Kenyon says security costs have escalated to \$100,000 and it has become more difficult to get some animals.

## Thomas Berger appointed mediator in faculty salary dispute

Hon. Thomas Berger, former judge of the Supreme Court of British Columbia, has been named mediator in the faculty-administration salary dispute.

Berger, 52, is in Ontario for a two-month lecture series at Trent University on legal and public policy issues relating to the North. He is the first occupant of that university's chair in northern studies, which is funded by a Centres of Specialization grant from the Secretary of State.

Known as an advocate of native rights and environmental protection, Berger was commissioner for the Mackenzie Valley Pipeline Inquiry from 1974 to 1977. (Principal J.E. Chamberlin of New College, a member of the administration's bargaining team, was on the staff of

the commission.)

As a lawyer, Berger has often represented unions and was an NDP Member of Parliament in 1962-63 and Member of the Legislative Assembly from 1966 to 1969.

He resigned from the bench in 1983 after being criticized by the Canadian Judicial Council for speaking out against the removal of aboriginal rights in the federal-provincial constitutional accord that led to the Charter of Rights and Freedoms.

The Memorandum of Agreement does not specify how long the mediator should attempt to bring the two sides together. If he cannot, he is to produce a report that is publicly circulated and then turn the dispute over to a three-person panel for binding arbitration.

## UNIVERSITY OF TORONTO Bulletin

No. 13 39th year

Monday, February 24, 1986

### Record crowd votes for UTSA memorandum of agreement

June 17 approved as limit for negotiations

by Judith Knelman

Members of the University of Toronto Staff Association have voted to ask Governing Council to accept a memorandum of agreement that would give the association greater bargaining power.

There was a record turnout of 350 at the general meeting in the Medical Sciences Building auditorium Feb. 13. Of 317 voting, 262 were in favour of the proposal and 45 against. After an amendment to set September 30 as a target date was defeated, June 17 was approved as the limit for negotiations on an agreement. If agreement with the administration is not reached by then, another general meeting is to be called so that a further course of action can be worked out.

The memorandum would be a procedural guide to negotiations on salaries and benefits and would spell out policies on such working conditions as vacation, sick leave and job protection, with improvements to be negotiated annually. In the event of an impasse in bargaining, the two sides would go to a mediator and then an arbitrator. Arbitration would be binding.

David Askew, president of UTSA, said the bargaining power of a memorandum is needed since the University is no longer committed to giving the staff equivalent increases to those given the faculty, nor is there an early retirement policy for staff, as there is for faculty members and librarians. He said the association also wants to negotiate a firm relocation policy for staff laid off for fiscal reasons.

A contentious clause in the proposed memorandum requiring that dues be paid by all administrative staff members, even those who do not want to belong to UTSA, was allowed to stand. It was pointed out that the costs of arbitration would require UTSA to have more funds at its disposal, and this would be a means of acquiring

them. Some members expressed fears that the measure would be divisive, while others felt that if all employees benefit from the bargaining process all should pay dues.

"It looks very good, but we're offering Governing Council an all-or-nothing package," said Liz Paterson, director of the International Student Centre, who felt there was no incentive for Council to agree to it.

Karel Swift, director of student awards, said she felt UTSA should state now what it intends to do if Governing Council turns down the request for a memorandum of agreement. "The faculty does not have more bargaining power because it has a memorandum; it has a memorandum because it has more bargaining power," she said.

Keith Bowler, head of the purchasing department, and Alan Hill, associate director of admissions, also advised members to vote down the proposal. Bowler because of the provision for dues checkoff and Hill because of the lack of a long-term strategy.

Jack Branker, head of reprographics at Robarts Library, told the meeting "these high-class, highly paid individuals" did not represent members of the association. He said approaching the University with a memorandum of agreement would be the association's first major step.

The drafting of a memorandum of agreement followed a survey sent out by UTSA last June on staff attitudes to increased bargaining power. Of 1,877 members, 1,020 responded, 847 of them in favour of a contract leading to increased bargaining power.

Interviewed after the meeting, Eleanor DeWolf, director of personnel, said the association represents less than half the administrative staff of 3,800 and actual ballots cast represent one-sixth of the association membership. "You just have to question the numbers."

### Inside

SUPPLEMENT:  
Recommendation for closure of the  
Faculty of Architecture & Landscape  
Architecture



## Man gets five years for attack on engineering students

A Toronto man has been sentenced to five years in jail for the Sept. 20 knifing of two University of Toronto students outside Hart House.

David Naughton, 18, pleaded guilty Feb. 19 to two charges of aggravated assault and was sentenced to two concurrent five-year jail terms, with no possibility of parole, by district court Judge David Humphrey.

Assistant Crown Attorney David Locke said the long sentence reflects the "gratuitous and vicious" nature of the assault on the two engineering students.

Locke said Naughton and about 15 friends, none of whom were University students, attended a Hart House pub on the night of the incident. When, late in the evening, they were asked to

leave they became angry, he said.

Outside Hart House they began beating Rodney Pretulac, 20, who had just left the pub. Naughton approached and inflicted an eight inch slash on Pretulac's back.

A second student, Barry Raftery, 24, was on his way into Hart House at the time and came to Pretulac's aid. He too was beaten and Naughton stabbed him three times in the upper back.

Locke said the knife blade came within an inch of Raftery's heart. He suffered a punctured lung.

Identified by his victims, Naughton was arrested by Toronto police Nov. 22. No further charges have yet been laid in connection with the incident.

### ADMINISTRATION'S OFFER TO THE FACULTY ASSOCIATION

ADMINISTRATION OFFER  
February 17, 1985

We propose a complete settlement of the salary and benefit negotiations for 1986-87 on the following terms:

- (1) Taking into account all existing agreements concerning salaries, benefits, vacations and pensions, and taking into account the increase in the University's operating grant, we propose that a pool of funds for purposes of increases in salaries be created in the amount of 3.66% of the faculty and librarian salary base.
- (2) As a first claim on the pool of funds referred to in (1) we propose that full PTR be paid for 1986-87. This will increase faculty and librarian salaries by an average of 2.63% at a net cost to the University in 1986-87 of 1.86% of the faculty and librarian salary base.
- (3) We propose that the remainder of the pool of funds (3.66% - 1.86% = 1.80%) referred to in (1) be applied to a non-discretionary salary increase. In particular, we propose that these funds be applied as a 2.75% economic increase on the rank floor component of the salary of each faculty member and librarian.
- (4) We propose that the administration of the PTR scheme be improved to recapture its original character as a salary component driven entirely by merit by improving the procedures for allocating PTR funds.
- (5) We propose that overload stipends be increased by 1.80%.
- (6) We propose that the Dental Plan be updated to the 1985 fee schedule at a cost of \$60,000 (.04%); that the LTD payments be augmented in accordance with the provisions of Appendix "A" which is attached; that the Blue Cross Semi-Private Hospitalization Plan premium increase in the amount of \$20,000 (.01%); that the Joint Membership Plan premium increase in the amount of \$5,000 be incurred; that pensions for surviving spouses which were terminated on remarriage be reinstated in accordance with the terms of Appendix "B" which is attached; and that the cost of each of these benefit changes be borne by the University.

THIS SPACE PAID FOR BY UTFA

## Architecture

Continued from Page 1

"unfortunately landscape architecture is not viable as a free-standing program."

The question to be addressed, she said, is: "If the resources were provided, would the investment pay off? Should the University create an opportunity for this faculty at the expense of others?" At present, the income generated by enrolment exceeds the expense budget by \$340,000.

However, operating income would drop because current enrolment is a third less than it was before 1983, when it was cut as one way of dealing with problems of quality in the architecture program. It would reach a break-even point, but, she said, the real issue is the substantial revenues needed to improve the facilities and enhance the faculty complement. A report submitted to the committees by the provost's office estimates the amount needed for improvements in the faculty for the next five years at \$8.5 million.

The report (published as a supplement in this issue of the *Bulletin*) also indicates that there is not a pressing need for more architects and landscape architects. There are 600 unemployed in Canada, nearly a third of them in Ontario.

Fawn Currey, a graduate student, observed that the quality of the Faculty of Arts & Science wouldn't be measured by the number of its graduates on unemployment insurance.

When Currey suggested the real reason the faculty was being closed was that it was a way of cutting faculty members from the University payroll, Foley reminded her that the administration had given assurance from the day of the announcement of the closure, Jan. 23, that all contracts would be honoured.

Professor Bernhard Ciner asked whether the administration had considered a fundraising appeal for an integrated institute that would unite planning and architecture activity in not only the Faculty of Architecture & Landscape Architecture but the Faculty of Applied Science & Engineering and the Department of Geography. President George Connell said it had not been considered, but it could be. However, a "staggering" sum would be required for long-term full operating support, and such an appeal would come into conflict with the University's fundraising for a great many other purposes.

"A professional faculty cannot stand alone," said Foley. "It has to serve the profession and the university community simultaneously. There has to be a balance of professional credibility with academic credibility." She said that wherever possible a small professional faculty should be leading the profession, not following it. Linkage to the rest of the university is important, with research and creative activity another top priority. As well, the educational role must be focused.

The 294-page report analyzes the issues behind the administration's recommendation and documents its charges that the quality of instruction, space and equipment would need to be upgraded if the faculty were to fit properly into the University of Toronto.

Peter Wright, acting dean of the faculty, complained in an interview after the meeting that though the report presents a very reasoned argument for closure, the authors obviously do not understand how architects and landscape architects are educated. He said there were many errors in the report, among them the basis for the \$8.5 million estimate of

what it would cost over the next five years to improve the faculty.

That figure, he said, is primarily based on documents prepared in his office for discussion purposes. "I'm very annoyed that this information has been used improperly. There was never an opportunity to discuss it, and it ends up becoming what the faculty thinks it needs."

He said that in 1983-84 the faculty was invited to submit a complement plan. "The ground rules were there were no limits — it was to be an ideal situation." There was no response from the administration, he said, not even a suggestion that the plan should be scaled down to accommodate the reality of tight funds.

A renovation plan that was not even acceptable to members of the faculty seems to have been used as the basis for the administration's estimates of what would be needed to improve the space. "There isn't an architect in Toronto who would spend \$2.8 million on this building," said Wright. "The most we'd need is \$5 to \$10 a square foot. We can manage on the normal sort of money that is available to everybody for renovations." As for computer facilities, "If we can get our normal share of equipment money, we'd be able to upgrade our facilities adequately over the next five years."

Briefs for the joint committee are being accepted by the Governing Council Secretariat until March 20. A second meeting will probably be held early in March. A student group calling itself the Committee on Architecture & Landscape Architecture lists among those groups opposing the closure the University of Toronto Faculty Association, the Students' Administrative Council, the Canadian Association of University Teachers, the Ontario Federation of Students, the Toronto Society of Architects, the Canadian Society of Landscape Architects, the American Society of Landscape Architects, the Ontario Association of Landscape Architects, the Canadian Council of University Schools of Architecture and the Alumni Association of the Faculty of Architecture & Landscape Architecture.

On Feb. 26 at 8 p.m. a forum will be held at the St. Lawrence Centre on the topic of how to keep a school of architecture in Toronto. Panelists will be Professor George Baird of the U of T program in architecture, architect Jack Diamond, Ralph Giannone, president of the Architecture Student Union, and architect Alan Littlewood. Moderator will be Metro Councillor Ron Kanter.

## Volunteer drivers needed

Services to Disabled Persons is calling for volunteers to drive students around the campus who have a temporary mobility handicap, e.g. a student with a non-walking cast who wishes to go from Massey College to Sidney Smith twice a week for a two-hour class. Without a drive, the student cannot attend classes.

Anyone interested in helping out should telephone the services' coordinator, Eileen Barbeau, at 586-8060.



# U of T personnel officer takes on Ont. personnel association over equal pay issue

by George Cook

A University personnel officer is leading the fight for the principle of pay equity inside her professional association.

Mirella Taiariol took up the cudgels at a Queen's Park news conference Feb. 7 by publicly challenging the validity of a Personnel Association of Ontario (PAO) position paper that opposes pay equity legislation.

As reporters looked on and television news cameras filmed the event, Taiariol told PAO chairman Allan Goldenberg she opposed the position paper and did not believe it represented the views of the 4,500-member organization.

The PAO paper says legislation to ensure equal pay for work of equal value is an intrusion into Ontario's free market system that will contribute to inflation and unemployment, undermine collective bargaining and discourage women from seeking jobs traditionally done by men.

The PAO is an umbrella organization made up of 23 municipal and regional associations, of which the 2,500-member Toronto association is the largest. It represents Ontario personnel and labour relations officers in both the public, para-public and private sectors.

Taiariol said neither she nor other PAO members she spoke to knew of the existence of the position paper prior to its release Feb. 5. She said she learned of it from newspaper reports the following day.

She said she attempted to have the pay equity issue placed on the agenda of the PAO conference Feb. 12-14 at

Toronto's Sheraton Centre, but was told by conference organizers that a policy discussion was inappropriate at an educational gathering.

Taiariol decided instead to distribute 1,500 questionnaires to the members in attendance asking if they support the concept of equal pay for work of equal value. She received 200 responses to the questionnaire at the conference and others will be mailed to her at home.

She said the evidence suggests a majority of PAO members support the concept of pay equity and are ready to explore ways of applying it.

U of T's director of personnel, Eleanor DeWolf, said she too thinks a majority of PAO members supports the principle of pay equity.

"It is very difficult to see whom the PAO position paper represents," DeWolf said. "It's not a very progressive position."

In a recent interview Goldenberg said development of the position paper was publicized in the association's newsletter and the executives of the 23 member associations were consulted.

He said there has been no request from member associations to reverse or alter the position.

"The PAO is not opposed to pay equity. It would be ludicrous to assume that," Goldenberg said. He said the PAO opposes legislated pay equity in the private sector and believes the provincial government should be prepared to discuss the concept of pay equity as well as its implementation with those affected.

From the PAO's point of view, pay

equity is not a women's issue, although it is presented that way in the media, Goldenberg said. He said legislation is already in force to ensure individuals receive the same pay for the same job.

Assessing the relative value of different jobs is a much more difficult task, he said.

Taiariol has also begun to organize a committee to present an alternative position paper to the three-member provincial commission now holding hearings on the application of the pay equity principle in the public and private sectors. The hearings began in Toronto Feb. 10 and will end in Ottawa April 17.

The Ontario government has already introduced legislation to bring equal pay for work of equal value to the public service and has published a pay equity green paper dealing with the other sectors.

DeWolf said the application of the pay equity principle to U of T would involve comparison of different job categories to ensure that salary scales for jobs of equal value are the same.

Comparative job value can be established by the application of four criteria — level of responsibility, skill, effort and working conditions, she said.

Status of Women Officer Lois Reimer also said the current administrative classification system could be changed.

"Most people agree that the current system is not as friendly to equal pay assessments as a different system would be," she said. "While there are more females in the non-academic sector and while they are ahead in numbers, they are not ahead in level of position or level of pay."



Mirella Taiariol

"Women are clustered in a few occupational areas that are by and large lower paid than categories men predominate in. Women's work is undervalued because it is considered women's work," she said.

"The University will have to look carefully at the green paper. In the meantime, it has to examine its own shop to see what steps are desirable or necessary in the area of pay equity."

While a pay equity policy could be applied to the administrative sector there are strong arguments against its application to the academic sector, Reimer said.

"Some say the concern should be the removal of anomalies within departments, not the pay equity approach as such, but certainly I think we should be looking at the academic area as well," she said.

The Council of Ontario Universities' status of women committee is now preparing a brief to the pay equity commission. DeWolf said U of T is participating in the development of the brief.

The commission members are David Clark, president of Campbell Soup Co., Gayle Cook, executive vice-president of Bennecon Ltd., and William Dimma, president of Royal LePage Ltd.

## Award for books on Spanish literature

Two professors in the Department of Spanish & Portuguese share first prize for the best academic book on Spanish literature published between 1981 and 1984, given by the Canadian Association of Hispanists.

Professor Mario Valdes received the award for his 1982 book *Shadows in*

*the Cave: A Phenomenological Approach to Literary Criticism Based on Hispanic Texts*. Professor Keith Ellis was honoured for his 1983 book, *Cuba's Nicolas Guillen: Poetry and Ideology*, an examination of the work of Cuba's national poet. Both books were published by the U of T Press.

## Negotiating teams meet to discuss administration offer

Negotiating teams for the administration and the University of Toronto Faculty Association (UTFA) are to meet today to discuss the official offer of an across-the-board economic increase of 2.75 percent on the floor salary for each rank.

Under this arrangement, the economic increase next year for a full professor would be \$1,215.50; for an associate professor, \$913; for an assistant professor, \$748; for a lecturer or senior tutor, \$621.50; for a librarian four, \$882.75; for a librarian three, \$767.25; for a librarian two, \$668.25; and for a librarian one, \$613.25.

The PTR (progress through the ranks) career advancement system would further increase salaries by an average of 2.63 percent, bringing the salary of the average faculty member up by more than four percent.

Michael Finlayson, president of UTFA, said last week: "If the association were to accept this offer, the negotiators and the executive would be impeached by the council — quite properly. We would be failing our longer-term responsibilities. I don't believe it's in the long-term interests of the University for salaries to decline

in real terms. The lower the salaries, the lower the quality of people we will be hiring."

He added that the association owes it to members and to the University to see to it that salary increases compensate for past erosion.

A letter with the administration's explanation of the offer goes out this week to faculty members and librarians. It states flatly that the total cost of the increase in compensation cannot significantly exceed the increase in operating revenue, which for next year will be 3.66 percent.

It points out that salaries and benefits at U of T are competitive with those at other universities in Ontario.

"Competitive? It's wonderful how when they want to close a faculty we have to be among the best in the world, but in salaries all we have to do is be slightly ahead of the mediocre," commented Finlayson.

The letter from the administration's negotiating team, headed by Dean Rob Prichard of the Faculty of Law, says the faculty association's proposals would cost the University 25 to 30 percent and would destroy the University's academic programs.

His team's strategy is to set the size of the pool of funds available for salary and benefits increases and then use it to fund the two components of the increases, PTR and economic. The offer sets the pool at 3.66 percent, the amount of the government's operating grant increase to U of T for next year. PTR is costed at 1.86 percent, leaving 1.8 percent for the economic increase.

Finlayson maintains that what UTFA negotiates is across-the-board increases. He says an across-the-board increase of 1.8 percent is a reduction in real terms, given the rate of inflation, of between two and three percent.

"It's the lack of honesty that's the most irritating thing," he said. "We all know there's underfunding. It's an insult to everybody's intelligence for them to pretend what they're offering is between four and five percent. No salaried professional group has its increases conflated in these terms," said Finlayson.

"Why not just say, 'This is a rotten offer, but we're being underfunded and it's the best we can do'?"

## Neuropsychology award

Maureen Dennis, a research scientist in the Department of Behavioural Science, has been named by the International Neuropsychological Society as the first recipient of the Benton Award. She will deliver the prize lecture at the society's annual meeting this month in Denver.

The award, in recognition of mid-career research achievements, is named for Arthur Benton, a pioneer in behavioural neuropsychology. Dennis' research includes behavioural studies on children with brain dysfunction from a range of causes, including birth defects, organic brain disease and accidental damage.





### Music book award

*Music and Civilization: Essays in Honor of Paul Henry Lang* (New York: Norton, 1984), co-edited by Professor Maria Rika Maniates of the Faculty of Music and Victoria College and Professor Edmond Strachamps, State University of New York, Buffalo, has won the Deems Taylor Award for excellence given by the American Society of Composers, Authors & Publishers. This plate from their book was first published in 1650, in *Musurgia universalis* (The Great Art of Consonance and Dissonance) by the German Jesuit Athanasius Kircher. Kircher related the calls of various birds both pictorially and musically.

## University has 'no further obligation' to South African ambassador, president tells Council

President George Connell reported to Governing Council Feb. 20 that the Jan. 31 appearance on campus of South African ambassador Glenn Babb fully discharged his responsibilities under the Council's policy on freedom of speech.

"I believe this university has no further obligation with respect to the South African ambassador," Connell said.

Graduate student representative Cathy Laurier asked the president to comment on actions of three mounted police officers who rode into the crowd of anti-apartheid protesters that gathered outside Flavelle House during Babb's visit.

"At whose request were the police called on campus? Was this normal procedure or did the University request extra security?" Laurier asked.

Connell said he delegated responsibility for arranging the event to a committee chaired by Vice-President (Institutional Relations) David Cameron but that security arrangements were not entirely in the hands of the University.

"The Royal Canadian Mounted Police and the Metropolitan Toronto Police had their own concerns and were of course free to act as they chose on that occasion," he said.

Laurier suggested responsibility for police behaviour lay with the University.

"I find it ironic that a university which claims to defend freedom of speech allowed a situation to exist where the right to peaceful demonstration was interfered with," Laurier said.

Full-time undergraduate representative Tony Clement said the demonstrators were in one sense not peaceful because they attempted to disrupt the debate between Babb and Professor William Graham by chanting and pounding on the rear door to the Moot Court.

"I for one applaud the actions of the police which, in the final analysis, allowed the discharge of the freedom of speech question on the inside," Clement said.

Further matters arising from or related to the controversial debate were broached in the course of the meeting.

Laurier asked the president if the

University, which owns shares in Alcan Aluminium Ltd., will vote in favour of a motion to be brought by the Task Force on Churches & Corporate Responsibility at Alcan's annual shareholders' meeting. The motion instructs company management to dispose of a South African subsidiary.

Connell said the question has been referred to his Advisory Board on Social & Political Aspects of University Investment, a five-member Governing Council group chaired by Vice-President (Business Affairs) Alec Pathy. The president said he will act upon the board's report.

Laurier also gave notice of two motions, one to establish a policy against racism and its espousal on campus and the other to establish an external review committee of the University's program in architecture.

Her notice prompted Professor S.M. Uzumeri, a member of Governing Council's executive committee, to say he will exercise "a somewhat tighter attitude" with regard to approval of motions for debate. The executive committee is responsible for vetting motions for inclusion on the Governing Council agenda.

Graduate student Fawn Currey, also a member of the executive committee, said she hopes the committee does not "do an end run" around those Council members whose positions are not widely shared.

"You don't get much opposition in this council, but what you get I think you should listen to," Currey said.

In other business Governing Council:

- approved the establishment of two positions in the Office of the Vice-President (Institutional Relations). One assistant vice-president will be responsible for alumni affairs and private funding, the other for public affairs, public relations and publications. Money already budgeted for two unfilled positions, to be eliminated, will be reallocated to fund the new positions

- extended to June 30, 1987, the University's agreement of affiliation with the Ontario Institute for Studies in Education. Professor Kenneth McNeill, chairman of the Academic Affairs Committee, said it is unlikely a new agreement with OISE will be reached this year. If the current agreement were not extended the University's graduate program in education would be "in some state of dubiety," he said

- extended the appointment of Vice-President (Research) David Nowlan to June 30, 1988



## UTFA Council Elections

The following seats on the University of Toronto Faculty Association Council will become vacant in July 1986.

# Constituency	# Constituency
2 Psychology/Geography/Urban Planning	29 Woodsworth/New/Innis/TYP
4 Botany/Geology	31 Misc. Med/Nutr. Sciences/Microbiology
5 Zoology	32 Behavioural Science
10 Italian/Slavic Languages & Literatures/Spanish & Portuguese	37 Chemical/Metallurgical Engineering
12 Computer Science/Mathematics	40 Architecture/Landscape Architecture
14 Astronomy/Physics	44 Education
15 Economics	50 Nursing
19 Erindale — Social Sciences	52 Physical & Health Education/Athletics & Recreation
24 Scarborough — Life Sciences	57 Combined Libraries
25 St. Michael's College	58 University of Toronto Schools

Members within these constituencies are requested to make nominations for these Council seats. Forms will be distributed to members and additional ones will be available at the UTFA offices. The nominations close March 15. Elections will be held March 18-29.

## Recommended dining

### MASA

Enter through a Japanese rock garden which sets the scene for gracious, relaxed dining in the Oriental tradition, surrounded by wicker, bamboo, and Japanese plants. You can dine Japanese style at low tables or, if you prefer, North American style with normal tables and chairs.



The service is efficient and polite no matter which you choose. Five course dinners present a selection of *sukiyaki*, *teriyaki*, *shabu shabu*, or *posenabe* as the main course. The latter is prepared in a wok right at your table and consists of seafoods, vegetables and tasty seaweed. The main course is accompanied by soup, sunomiso salad (octopus, cucumber and shrimp), tempura, rice, dessert, and tea. Amks, Chgs. 195 Richmond Street West, 977-9519. Noon-2:30 p.m. to 11 p.m. Mon-Fri Sat. 5 p.m. to 11 p.m. Closed Sunday. \*\*\*\*

### Authentic Japanese Food

**Michi**

みち  
JAPANESE  
RESTAURANT  
459 Church Street  
924-1303  
• Licensed

**Masa**

dining lounge  
Authentic  
Japanese  
cuisine & decor...

195 Richmond St. W.  
(within walking distance of  
all Downtown Hotels)  
Phone 977-9519

### MICHI

Bamboo screens, sliding glass panels and low tables provide the setting for the gentle, graceful art of Japanese dining. Complete dinners include *sukiyaki*, the *sakura* dinner which has *teriyaki* for the main course, and the *ushio nabe* fish pot dinner. The latter is a tour de force served in



a big iron pot which is kept hot at your table. The ingredients are boiled shrimps, lobster tail, crab legs, scallops, white fish and fish cake, green vegetables, and bonito stock. Soup, appetizer and dessert are included. Vegetarians will like the *shoyun-yori* complete dinner—a fascinating mélange of crisp oriental vegetables. There is accommodation for paties of four or more. Licensed. Amks, Chgs. 459 Church Street, 924-1303. Noon-2:30 p.m. to 11 p.m. Mon-Fri. Sat. 5 p.m. to 11 p.m. Closed Sunday. \*\*\*\*

## University of Toronto Bulletin

Editor: Norma Vale  
Associate Editor: Judith Knelman  
Writer: George Cook  
Copy Editor: Margaret MacAulay  
Production Coordinator: Chris Johnson  
Layout and Typesetting: Sandra Sarnier  
Editorial Assistant: Catherine Armstrong  
Photography: Steve Behal  
Advertising: Marion de Courcy-Ireland  
Material may be reprinted in whole or in part with appropriate credit to the *Bulletin*.  
Published every two weeks by the Department of Communications.

Submissions for publication must be in the *Bulletin* office, 45 Wilketts St., University of Toronto, Toronto, M5S 1A1, 10 days before publication date unless otherwise specified.

Editorial enquiries: 978-6981

Display advertising space must be reserved two weeks before publication date.

Advertising enquiries: 978-4933  
Member of the University Newspapers Group.



# Research board endorses supercomputer proposal but asks for assurances of sufficient funding

The Research Board has unanimously endorsed a report calling for the purchase of a Cray X-MP/24 supercomputer and has urged Vice-President (Research) David Nowlan to seek assurances of sufficient external income to cover the facility's operating costs.

In its report the supercomputer review committee calls the purchase "a bold move" that will ensure U of T's place in the front rank of research institutions. But the machine's success depends on the University's ability to cover operating costs by selling commercial time, the report adds.

Because commercial sales will be necessary the committee says it believes the decision to purchase the machine must wait until evidence of commercial interest is collected.

Nowlan said he currently is seeking letters of intent from businesses likely to buy time on a U of T supercomputer. Although contracts for the sale of time cannot be signed until the supercomputer is operational, the degree of uncertainty inherent in developing the commercial market will

be greatly reduced if the University receives a sufficient number of such letters, Nowlan said.

Review committee chairman Professor Calvin Gottlieb, Department of Computer Science, presented the 24-page report to the Research Board, chaired by Professor Geraldine Kenney-Wallace, Department of Chemistry, at its Feb. 12 meeting in the Galbraith Building.

The 17-member committee was established in December to consider the financial, managerial, technical and research implications of the proposed purchase. Questions of cost and revenue have received particular attention.

A draft budget for the supercomputer facility, submitted to the Business Affairs and Planning & Resources Committees Dec. 13, includes annual commercial revenue of \$1.8 million. Approximately \$10 million worth of commercial sales will be required over five years to cover the machine's operating costs.

The review committee report urges the University to include money for a marketing campaign in the super-

computer budget and to seek further assurance of grants from the Ministry of Colleges & Universities, the Natural Sciences & Engineering Research Council and the Medical Research Council.

"If there is a vigorous marketing effort and the granting agencies respond favourably, these questions about income may soon be resolved satisfactorily," the report says.

It recommends prompt action to take advantage of a \$10 million capital grant available from the province for the creation of a supercomputer facility for Ontario researchers.

In addition to money from commercial sales and government grants the purchase of a Cray will give U of T researchers access to grants offered by the manufacturer. Grants from Cray for purchase of computer time, payment of staff and other expenses could amount to \$150,000 to \$250,000 a year.

The report questions the proposed \$100 per hour user fee for researchers, and suggests a higher hourly fee may be necessary to inhibit a migration of projects to the Cray that would "threaten the viability of other computer operations and infuriate users elsewhere."

The committee recommends a management structure for the supercomputer facility that differs significantly from the one suggested in the draft proposal. The Cray should not be operated by a part-time director under a facilities management agreement with U of T Computing Services (UTCS) as the draft suggests, the report says.

Instead, the University should establish a supercomputer board of directors to approve budgets, development plans and a pricing structure, as well as an advisory board to allocate research time and user services.

The report says the University should hire or appoint a full-time director, with a small staff, a budget independent of UTCS and the authority to contract with UTCS to share services where money can be saved.

In its evaluation of the technical aspects of the proposal the committee says the Cray X-MP/24 is "at least as

good" as other supercomputers in the same price range and is the machine of choice among commercial users, many of whom have access to existing Cray software.

Many prospective Canadian customers are now using Crays in the United States, the report says, and will switch to a U of T machine only if they are offered the same kind of computer.

The proposed machine will satisfy user requirements for two to three years, the report says, and will then need to be expanded. It endorses the inclusion of a clause in the purchase agreement that will allow the University to sell its computer back to the manufacturer if it decides to buy a more powerful machine.

A supercomputer will significantly expand research opportunities at U of T in the physical, environmental, life and social sciences and will therefore attract the best researchers and graduate students, the report says. However, those using existing computer facilities at UTCS, the Faculties of Medicine and Applied Science & Engineering and the Departments of Computer Science, Physics and Chemistry will face adjustments.

In some cases the supercomputer will mean necessary new computing capacity, in others a loss of income to the faster and more powerful machine. Careful pricing of supercomputer time may slow the "off-loading" of projects onto the Cray and the consequent loss of revenue for existing facilities, but not prevent it, the report concludes.

"If there is supercomputer time available and a user willing to pay the named price, it will be very difficult to deny access," it says.

The review committee's report now goes to the March meetings of the Business Affairs and Planning & Resources Committees. They will then make recommendations to Governing Council.

If Governing Council accepts the final proposal and the provincial government formally commits \$10 million to the purchase the \$14 million supercomputer could be installed by June.

## More openness, accountability recommended for grading policy

by George Cook

The University is well served by its grading practices policy, but some fine tuning is in order, a working group established to study the policy has concluded.

Appointed last May by the Academic Affairs Committee, the group, chaired by Vice-Provost (Staff Functions) David Cook, has produced a 12-page report containing a number of proposals to ensure greater openness and accountability in the application of marks review procedures and wider dissemination and knowledge of the policy as a whole.

Cook said the review was prompted in part by the 1985 report of University Ombudsman Liz Hoffman. In her report, Hoffman said new and visiting professors are often unaware of the policy and violations of it are frequent.

The report of the working group urges departments and faculties to appoint students to marks review committees. Some already make a practice of appointing students, while others believe students should not participate in a process that so directly affects them, Cook said. There are about 50 marks review committees at the department and faculty levels at present.

The report recommends that students and instructors be informed when marks are adjusted by divisional review committees. The methods of adjustment and the reasons for it when it occurs should also be provided to those affected.

The committee suggests that the grading policy be redrafted to include a statement of philosophy and a description of the responsibilities of the instructor and division. All students should be given a copy of the policy at registration. Instructors, including teaching assistants, should also receive copies.

Cook said it is important that the policy be as widely known as possible. It is published in course calendars, he said, but may not receive as much

attention as necessary there. Student handbooks and newspapers, as well as other University publications, should be encouraged to publicize it.

"After a while you can't get the horse to drink at the trough — we all know that — but if you put enough troughs around someone is bound to fall in," he said.

The report says that if the grading policy were better known and understood by students and instructors the problems associated with it would diminish.

"If the differences between scores on tests and the assignment of grades could be understood, and made clear, many of our difficulties with grading practices across the University would be alleviated."

The working group also makes a series of recommendations designed to ensure instructors and marks review committees are accountable for their decisions.

It recommends that instructors file a description of their grading practices with the division. However, this will not prevent changes to methods of evaluation during a course if, in the instructor's view, such changes are necessary and consistent with the policy.

"It would seem only fair to the students that changes suggested by the instructor be accompanied by a brief rationale [to explain] why they are necessary," the report adds.

Claire Johnson, part-time undergraduate member of Governing Council, said the recommendations, if adopted, will clarify the role of divisional marks review committees. A more thorough understanding and application of the policy by instructors will make the adjustment of marks by the division less likely, she said.

The report was presented to the Academic Affairs Committee for information Feb. 13 and goes to the Subcommittee on Admissions, Curriculum & Standards Feb. 26 for further consideration.



### The Faculty Club

41 Willcocks Street  
Telephone: 978-6325

## MARCH DINNER SPECIAL IN THE ATTRACTIVE UPPER DINING ROOM

Our Delicious Soup or Juice  
Poached Salmon with Hollandaise Sauce

or

Prime Rib of Beef

Baked Potato &  
Vegetable of the Day

Bread Basket  
Coffee or Tea

\$7.95 + tax & service

Members & Guests Only

Reservations — 978-6325



# Books

**February**  
**Ukraine During World War II: History and Its Aftermath**, edited by Yuri Boshyk (Canadian Institute of Ukrainian Studies; 250 pages; \$9.95). The book offers a guide to one of the most complex aspects of modern Eastern European and Ukrainian history and provides informed discussion on the search and prosecution of war criminals today. The implications of such investigations for multicultural and ethnic relations are also addressed by some contributors.

**Canadian Selection: Books and Periodicals for Libraries**, second edition, by Mavis Cariou, Sandra J. Cox, Alvan Bregman (U of T Press; 517 pages; \$65). Primarily for small and medium-sized libraries interested in improving their Canadian collections, this revised guide lists some 5,000 books and 250 periodicals, with complete bibliographic data, compiled by 190 librarians and subject specialists.

**Catching Up**  
**December**

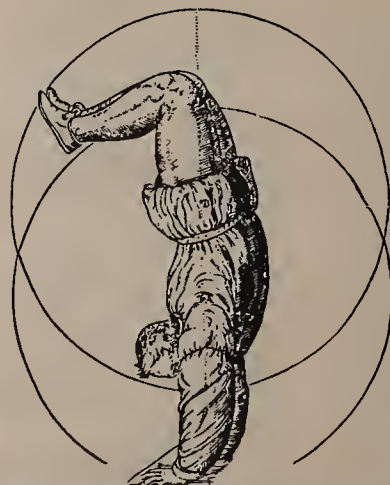
**The Legacy of Herman Dooyeweerd**, edited by C.T. McIntire (University Press of America; 180 pages; \$29.95 cloth, \$19.95 paper). An assessment of the contribution of Herman Dooyeweerd (1894-1977), renowned Dutch philosopher and Christian

thinker, to the fields of philosophy, religious studies and theology, history, aesthetics and political and social theory.

**November**  
**Shakespeare and the Question of Theory**, edited by Patricia Parker\* and Geoffrey Hartman (Methuen Publications; 420 pages; \$35.50 cloth, \$17.50 paper). The volume brings an absorption in the issues of contemporary critical theory — deconstruction, feminism, psychoanalysis, the renewed investigation of political, economic and historical context — to bear on reading Shakespeare.

**October**  
**Die Anfänge des modernen Sport in der Renaissance**, edited by John McClelland\* and Arnd Krüger (Arena Publications; 181 pages; \$10 US). Six essays by the authors and others on the teaching, practice, symbolism and ethics of physical education and sport from the late Middle Ages to the end of the 17th century — a period generally neglected by sports historians.

*U of T staff are indicated by an asterisk when multiple authorship or editorship includes non-U of T staff.*



Cover illustration from *Die Anfänge des modernen Sport in der Renaissance* shows a geometrical gymnastic feat.

## In Memoriam

Sister St. John, professor of classics, St. Michael's College, Jan. 25.

Born Irene Florence O'Malley in Newmarket in 1889, Sister St. John graduated from the Ontario College of Education and began teaching at her former Toronto high school, St. Joseph's. In 1909, she entered the Congregation of the Sisters of St. Joseph.

She enrolled at U of T several years later, earning a master's degree in classics, which she taught at St. Joseph's College and later at St. Michael's. Among her students was the late Marshall McLuhan.

During her 50-year career, Sister St. John twice served as dean of St. Joseph's College, which was integrated with St. Michael's

when the college became co-educational. She also taught at Woodsworth College, where she has been honoured since 1970 with the Sister John O'Malley Award, given annually to the student with the highest marks in the graduating year. St. Michael's College presented her with the honorary degree of Doctor of Sacred Letters.

Paul A. Kolers, professor, Department of Psychology, Jan. 27.

Professor Kolers was born in New York in 1926 and obtained his Ph.D. from New York University. After occupying several teaching and research positions, including posts at Bell Labs, Harvard and MIT, he joined the Department of Psychology at U of T in 1970.

His work in various aspects of cognitive psychology had gained him an outstanding international reputation. He held visiting scientist positions in Holland, Germany, Italy and Australia, and as a NATO Visiting Scientist he had paid brief visits to laboratories in France, Italy,

Greece and Turkey. In addition he presented talks and colloquia to many universities in Canada, the US, Europe, Israel and Australia.

His early work was on classic issues of visual perception, especially the psychology of real and apparent visual movement. A central concern that developed in his later work was for mental representation and symbolization. These interests led him to the study of bilingualism and to problems of reading. In collaboration with colleagues from psychology and computer science, Professor Kolers had recently been awarded a large strategic grant from NSERC to work

on problems of computer-aided displays of text material.

His many scientific articles revealed his great powers of imagination, creativity and insight when dealing with the difficult problems of mental processes. His empirical work, also, was ingenious, insightful and influential. Professor Kolers was warm, sensitive and cultured. The University and the discipline of experimental psychology has lost an important theorist.

Fergus Craik  
 Acting Chairman  
 Psychology



## UTFA PRESIDENT

The constitution of the University of Toronto Faculty Association requires candidates for President to be nominated by members of the UTFA Council. Members of the Association, however, are invited to suggest names to Council members.

Nomination forms are available in the UTFA office at 455 Spadina Avenue, Suite 302. The nomination form requires the signature of two members of the UTFA Council and must be returned to the office by March 15, 1986. The election will be conducted by a mailed ballot of the membership in the following two weeks.

### 1985-86 COUNCIL

- |   |  |
|---|--|
| M. Anderson, Library & Information Science                            | D. Manchester, Physics/Astronomy                                       |
| D. Baillie, Retired Members   | G. McCracken, Behavioural Science/Health Admin./Prev. Med. & Biostats. |
| J. Berger, Zoology  | K. McMorro, Combined Libraries   |
| W. Bourke, Social Work  | A. McQuillan, Geography/Psychology/Urban & Regional Planning           |
| C. Brodeur, Education   | L. Mignault, Humanities-Scarborough                                    |
| F. Buckingham, Forestry   | W. Milgram, Life Sciences-Scarborough                                  |
| N. Choudhry, Economics  | J. Moorfield, University of Toronto Schools                            |
| J. Collard, Education   | G. Nairn, Pharmacy   |
| A. Colthurst, Rehab. Med./Art as Applied to Med./Anatomy/Speech Path. | N. Parker, Nursing   |
| D. Cormack, Chemical Engineering/Metallurgical Eng.                   | M. Parker-Hale, Music  |
| A. Crawford, Civil Engineering/Geological Eng.                        | F. Popovich, Dentistry   |
| H. de Groot, English/French/Medieval Studies/Drama/Comp. Lit.         | J. Reed, Sciences-Enrdale  |
| F. DiCosmo, Botany/Geology  | W. Reynolds, Chemistry   |
| P. Dyson, English-New   | F. Rimrott, Mechanical Eng./Industrial Eng./Aerospace                  |
| J. Estes, Victoria  | H. Rogers, Linguistics/German/Statistics                               |
| M. Finlayson, History University College                              | W. Rolph, Spanish & Portuguese/Italian/Slavic Lang. & Lit.             |
| P. Fitting, New/Inns/TYP/Woodsworth                                   | H. Rosenthal, Physical Sciences-Scarborough                            |
| V. Gibert, Education  | P. Rosenthal, Mathematics/Computer Science                             |
| R. Gold, Med. Genetics/Med. Research/CI Biochem./Biochemistry         | S. Schitt, Law   |
| M. Goldner, Miss. Med/Nutr. Sciences/Microbiology                     | A. Sedra, Electrical Engineering/Biomedical Engineering                |
| W. Graydon, Retired Members   | J. Siegel, Management Studies  |
| F. Griffiths, Political Science                                       | A. Silber, Victoria  |
| A. Hedlin, Physiology/Pharmacology/Medicine/Pathology                 | E. Silva, Social Sciences-Enrdale                                      |
| J. Holladay, Middle East & Islamic/Near Eastern/East Asian            | G. Smith, Anthropology   |
| A. Horne, Combined Libraries  | P. Sohm, Fine Art/Classics   |
| B. Horne, Combined Libraries  | P. Tildus, Physical & Health Ed./Athletics & Recreation                |
| S. Kent, Architecture/Landscape Architecture                          | R. Tully, St. Michael's College  |
| B. Kidd, University College   | J. Wayne, Sociology/Criminology  |
| S. Langlands, Combined Libraries                                      | D. Wiebe, Trinity  |
| J. Lee, Social Sciences-Scarborough                                   | F. Wilson, Philosophy/HPST/Religious Studies                           |
| M. Levine, Humanities-Enrdale   |  |

## Positions Elsewhere

Notice of the following vacancies outside the University has been received by the Office of the President.

**Trent University President**

Position available July 1, 1987. Applications and nominations invited.

Contact: J.I. Lodge, secretary, Presidential Search Committee, Bata Library, Trent University, Peterborough, Ontario K9J 7B8.

**Indiana University Institute for Advanced Study Director**  
 Position to be assumed July 1, 1986. Deadline for nominations: March 1, 1986.

Contact: Professor M.J. Intons-Peterson, chair, IUAS Search and Screen Committee, Department of Psychology, Indiana University, Bloomington, Indiana 47405.

**Sir Sandford Fleming College Principal**, Frost Campus and the School of Natural Resources, Lindsay, Ontario. Deadline for applications: February 28, 1986.

Contact: Director, Personnel Services, Sir Sandford Fleming College, 526 McDonnell Street, Peterborough, Ontario K9J 7B1.

**University of Minnesota Vice-President for Academic Affairs and Provost**  
 Deadline for applications: March 1, 1986.

Contact: Chair, Search Committee for Vice-President for Academic Affairs and Provost, University of Minnesota, 202 Morrill Hall, 100 Church Street SE, Minneapolis, MN 55455.



# Alumni-faculty award winner had illustrious students

by Judith Knelman

Paul Fox, the recipient of this year's Alumni Faculty Award, has taught more than 5,000 students in his 40-year career, among them politicians Barbara McDougall, Judy LaMarsh, Stephen Lewis, Ed Broadbent, Keith Davey, Bob Rae and David Crombie and U of T professors Bennett Kovrig, Peter Silcox, Ken Bryden, Ron Blair and Joy Esbrey.

When Minister of State for Finance Barbara McDougall ran into her former political science teacher in Ottawa last fall at the time of the furor over the collapse of Edmonton's Canadian Commercial Bank and the Northern Bank of Calgary, she wailed: "You never told me it would be like this!" Fox suggested that perhaps she'd have been better prepared with a course in abnormal psychology.

Most of Fox's ex-students were in the POL 100 course, the introductory political science course, which he taught for 25 years and for which he designed a textbook that has become a classic, *Politics: Canada*.

Desmond Morton, a professor of history at Erindale College, where Fox has been principal since 1976, speaks of "the diaspora of Fox's students" across Canada. Silcox describes him as one of a very small band of scholars with a national reputation as a teacher. Kenneth Hare, provost of Trinity College, calls him "one of the University's statesmen". To Dennis Duffy when he was principal of Innis College, Fox was a benchmark, a great administrator, genial and effective. To Harold Shipp, chairman of the Shipp Corporation, a Mississauga building firm, he is a good citizen, an active and enthusiastic supporter of community causes.

Fox began his career in a big way. He came back to U of T to do an MA after the war and was given a job teaching a class of 800 in Convocation Hall, before the days of public address systems. He was 24, and still in uniform, as were half the people in his class, since civilian clothing was in short supply. "A lot were much older than I was, and some had rows of medals across their chests, and here was this little pipsqueak lecturing to them."

In 1947 he got his MA and a British Council scholarship to the London School of Economics. While he was teaching at Carleton 1948-54 his interest shifted from the political theory of rule by divine right, the subject of his doctoral thesis, to the more practical and immediate area of Canadian government.

At Carleton he felt in the thick of Canadian politics thanks to the presence of R.B. Bryce, deputy minister of finance, Claude Isbister, deputy minister of trade and commerce, George Davidson, deputy minister of national health and welfare, Eugene Forsey, research director of the Canadian Congress of Labour, and R.A. MacKay, who was negotiating Newfoundland's entry into Confederation for the Department of External Affairs.

"It was a pretty heady group of people," he recalls. "Part of what really interested me in Canadian politics was that I was right there."

In 1954 he returned to U of T, where he's been ever since. His doctorate, from the London School of Economics, was awarded in 1959. He was cross-appointed at Trinity College from 1962 to 1976 and to Erindale from 1974 to 1976. Then he was asked by President John Evans to become principal of Erindale.

"He said he wanted me to go out there and really relate the campus to the community," recalls Fox. "That's what I tried to do. I've enjoyed it. It's fun to have had a part in building a new community. It didn't exist till 1974, and now it's the 14th largest city in Canada, and the fastest-growing one in the country."

He feels there was a great need in the new community for the kind of contribution a university could make. The college art gallery, the only one in Peel County that's a member of the Ontario Association of Art Galleries, is an example of the stamp of Erindale on Mississauga. Another is the citizen of the year award, which Fox suggested as a way of recognizing volunteer service in Mississauga. It's presented annually by the Erindale Campus Alumni Association, the Mississauga News and the City of Mississauga.

Fox has served as master of ceremonies, moderator or host for various Mississauga organizations and is a member of the Mississauga Board of Trade and the Mississauga Industrial Association. He is honorary chairman of the Heart & Stroke Foundation of Ontario (Peel chapter) and an honorary patron of the Credit Valley Hospital. He was a director of the Institute for Hydrogen Systems in 1984-85. Recently he was elected a member of the Military and Hospital Order of St. Lazarus, an ecumenical organization.

Fox was president of the Canadian Political Science Association in 1980 and from 1970 to 1975 was a member of two federally appointed commis-

sions to recommend the creation of bilingual districts in Canada under the Official Languages Act.

Since his main hobby is golf, one of his favourite honours is the naming of the P.W. Fox Invitational Golf Tournament last fall by the students of Erindale. "One of the nicest things about living in Mississauga is its proximity to good golf courses."

Fox will be on leave next year, then retire. In addition to playing golf, he expects to do a sixth edition of *Politics: Canada* and complete a book he is writing on political leadership.

He will receive the Alumni Faculty Award at a dinner at Hart House April 9.

## COU launches publicity campaign on underfunding

The Council of Ontario Universities today kicks off a two-week publicity campaign designed to draw attention to the financial plight of the province's universities.

University presidents, armed with data on enrolments, revenues and expenses, will learn how budget problems affect everyday life on other campuses. They are particularly interested in how individual universities, faculties and departments manage to achieve excellence despite financial adversity.

Council representatives will visit Sudbury, Kingston, Peterborough, Kitchener-Waterloo, Guelph, Windsor, London, Ottawa, Hamilton and St. Catharines, with complementary activities to be undertaken in Toronto during the two-week period. Their fact-finding tour will bring them face-to-face with students, alumni, business leaders, parents of prospective students and reporters.

U of T has contributed material for the media campaign.

## Discover the Definite Difference



### Bank at Your Credit Union

Credit Unions are for everyday people. Our members aren't large multi-national corporations or foreign governments. No ivory tower executives make our day-to-day decisions because we're owned and controlled by our depositors and borrowers, better known as our members.

We do business right in the communities where our members work and live. On top of that, our deposit rates are generally higher than the big banks, our loan rates and service charges are generally lower and our people know how to make you feel at home.

We're YOUR credit union. If you work for the University of Toronto it's so very easy to discover the definite difference. We'll show you what you've been missing. You can bank on it at UNICOLL.



UNICOLL CREDIT UNION

Universities and Colleges Credit Union

245 College Street (at Spadina), Toronto M5T 1R5 978-5505

Member of Ontario Share and Deposit Insurance Corporation



## UC Lectures ROBIN HARRIS

### Graduate Studies at Toronto: The Role of the Dean

March 12, 1986  
4:30 p.m.

Room 140  
University College  
15 King's College Circle  
University of Toronto

Members of the Staff, Students and the Public  
are cordially invited.



# Personnel News

## Pub Night

Feb. 25 at the Faculty Club basement pub is the next scheduled get-together of Personnel & Labour Relations Department staff with staff from other departments. This offers an opportunity to socialize and discuss business in an informal setting.

## Blue Cross Enrolment

The enrolment window described in this column Feb. 3 is still open for those staff who wish to enrol in the:

- Extended Health Care Plan
- Dental Plan
- Semi-Private Hospitalization Plan

This month is the last opportunity to enrol in 1986. Applications are available from Benefits Administration (978-2015).

## Seminars for Staff Training and Development

Seminars designed for administrative staff for which registration is now open through Elaine Preston at 978-6436 are:

### Managing Work

*Performance (one day)*  
Guidelines for supervisors in analyzing and handling the performance problems of their staff.

Dates: March 12, 14 and 21

### Planning and Promoting the Public Event (half day)

On coordinating lectures, symposia, exhibitions and open houses.  
Date: March 19

### Student Counselling in the University Setting (eight sessions)

Provides guidance for

administrative advisers to students  
Dates: Beginning March 12

## Tax Seminars

The Payroll Department is offering seminars dealing with "The Taxation of Payments Made to Persons Providing Services to the University of Toronto" during March and April 1986. Phone 978-2151 to have an application sent to you.

## T4/T4As

Beginning Feb. 21, faculty and administrative staff began receiving their 1985 T4 and/or T4A slips. This year the Payroll Department issued approximately 35,000 T4 slips to individuals who had been employed by the University during 1985.

## Federal Budget

Announcements have been made promising a federal budget by the end of the month. The Payroll Department will keep faculty and staff informed of the effects of the upcoming budget as it applies to their employment situation.

## Job Openings

Below is a partial list of job openings at the University. The complete list is on staff bulletin boards. To apply for a position, submit a written application to the Personnel Department.  
(1) Sylvia Holland; (2) Steve Dyce; (3) Varujan Charakhanian; (4) Christine Marchese; (5) Maureen Brown; (6) Mirella Taariol; (9) Lisa Rafits.

## Administrative Assistant I

(\$19,450 - 22,880 - 26,310)  
Research Administration (1)

**Applications Programmer Analyst II**  
(\$23,850 - 28,060 - 32,270)  
Information System Services (3)

**Applications Programmer Analyst V**  
(\$38,270 - 45,020 - 51,770)  
Information System Services (3)

**Human Resource Officer II (Personnel Officer II)**  
(\$30,970 - 36,440 - 41,910)  
Royal Conservatory of Music (1)

**Laboratory Technician II**  
(\$19,450 - 22,880 - 26,310)  
Medicine (1)

**Laboratory Technician III**  
(\$21,480 - 25,270 - 29,060)  
Banting & Best Medical Research (9)

**Secretary I**  
(\$15,930 - 18,740 - 21,550)  
Academic Statistics (1), Hart House (3), Statistics (7)

**Secretary II**  
(\$17,470 - 20,550 - 23,630)  
School of Graduate Studies, two positions (1)

**Systems Software Programmer III**  
(\$36,220 - 42,610 - 49,000)  
Computing Services (3)

**Budget Analyst-Accountant V**  
(\$34,400 - 40,470 - 46,540)  
Office of the Comptroller (3)

**Administrative & Research Assistant to the Comptroller - Accountant V**  
(\$34,400 - 40,470 - 46,540)  
Office of the Comptroller (3)

## COUNCIL OF THE SCHOOL OF GRADUATE STUDIES NOTICE OF ELECTIONS STUDENT NOMINATIONS OPEN

Three student representatives will be elected for each of the four divisions of the Graduate School. Nomination forms may be obtained at any graduate department office, the Graduate Students' Union, and the School of Graduate Studies. Student nominations will be open until March 7, 1986 at 12:00 noon. Completed nomination forms must be returned to the Office of the School of Graduate Studies prior to this time to be valid. Elected members will serve for one year until June 30, 1987 or for two years, if so indicated, to June 30, 1988.

### Constituencies

#### Division I - The Humanities

Classical Studies  
Comparative Literature  
Drama  
East Asian Studies  
English  
French Language & Literature  
Germanic Languages & Literatures  
History  
History of Art  
History & Philosophy of Science & Technology  
Italian Studies  
Linguistics  
Medieval Studies  
Middle East & Islamic Studies  
Museum Studies  
Music  
Near Eastern Studies  
Philosophy  
Religious Studies  
Slavic Languages & Literatures  
South Asian Studies  
Spanish & Portuguese

#### Division III - The Physical Sciences

Aerospace Science & Engineering  
Architecture  
Astronomy  
Biomedical Engineering  
Chemical Engineering & Applied Chemistry  
Chemistry  
Civil Engineering  
Computer Science  
Electrical Engineering  
Environmental Studies  
Geology  
Industrial Engineering  
Mathematics & Applied Mathematics  
Mechanical Engineering  
Metallurgy & Materials Science  
Physics  
Statistics  
Transportation

#### Division II - The Social Sciences

Anthropology  
Criminology  
Economics  
Education  
Geography  
Industrial Relations  
International Studies  
Law  
Library & Information Science  
Management Studies  
Masters in Teaching  
McLuhan Program in Culture & Technology  
Planning  
Policy Analysis  
Political Science  
Russian & Eastern European Studies  
Social Work  
Sociology  
Urban & Community Studies

#### Division IV - The Life Sciences

Anatomy  
Biochemistry  
Botany  
Clinical Biochemistry  
Community Health  
Dentistry  
Forestry  
Immunology  
Medical Biophysics  
Medical Science  
Microbiology  
Nursing  
Nutritional Sciences  
Pathology  
Pharmacology  
Physiology  
Psychology  
Speech Pathology  
Zoology

# RESEARCH NEWS

For further information and application forms for any of the following agencies, please contact ORA at 978-2163.

## Canadian Electrical Association

Submission of research proposals on the following are invited.  
1. Field evaluation of acoustical vibration of ACSR bundled conductors.  
2. GIS spacer properties of practical systems.

Closing date for receipt of proposals 1 and 2 at the CEA is 4 p.m., Thursday, March 20.

3. Safety assessment of old dams for earthquake conditions.

Closing date for receipt of proposal 3 at the CEA is 4 p.m., Thursday, March 27.

**Medical Research Council**  
Investigators are reminded that MRC has made a number of changes to its policy on the use of surplus grant funds at termination of award:

- (1) The unspent balance will remain available, if required, for the original purpose of the grant until March 31 of the same fiscal year in which the grant ended, i.e. if the grant year end is June 30, 1986, funds will remain available until March 31, 1987.
  - (2) Use of funds beyond that period must have the approval of MRC.
  - (3) Use of funds for another purpose must have prior authorization from MRC.
- Unspent balances from major equipment grants fall within this category.

Copies of any correspondence to MRC which relates to the use of unexpended grant funds should be sent to ORA for information.

## MRC Groups

Investigators who are submitting preliminary proposals for new and renewal applications should be aware that the deadline is now April 1 at MRC.

Investigators are requested to contact ORA if an application or renewal to this program is being considered.

## Development Grants - Category 1

The deadline date for requests for renewal of salary support is April 1.

## Studentships

The deadline date for renewal applications is April 1. Late or incomplete applications will not be considered.

Investigators should consult the MRC Grants & Awards Guide 1985 for more specific information on all of these programs.

## National Research Council

A listing of Canadian companies and their technological interests titled Requests for Technology is available for reference at ORA.

## Social Sciences & Humanities Research Council

Due to the recent elimination in the research grants division of the May 15 standard research grant deadline, SSHRC is proposing a one-time-only supplementary grant to current grantees with projects which expire between Nov. 1, 1986 and March 31, 1987.

Investigators should write to SSHRC by April 15 giving a progress report of research carried out under the current grant, an up-to-date financial statement, a budget and a brief outline of activities to be undertaken in the interim funding period. The application budget may not exceed the current level of support, prorated for the period requested.

Successful awards will be announced in early June in the form of supplementary grants ending March 31, 1987, when funds from the Oct. 15, 1986 competition become available.

## National Institutes of Health (US)

International research fellowships are offered for full-time research training in the health sciences. Awards are tenable at any recognized public or private non-profit institution within the United States, including the US government's research laboratories.

Canadian nominees must be Canadian citizens or permanent residents of Canada and must have a commitment of a position from an institution in Canada upon completion of the training provided by the award.

Applications for nomination to the competition should be submitted to the Medical Research Council.

Applicants must present a specific plan for the proposed research training and arrange for acceptance into the US laboratory before applying to MRC. Deadline for applications is April 1.

Please consult the MRC Grants & Awards Guide 1985 for precise application details. Forms may be obtained from ORA.

## Upcoming Deadline Dates

Atkinson Charitable Foundation - investigators in the Faculty of Medicine, internal deadline at the research office of the faculty March 17.

Investigators in other faculties, deadline at ORA April 20.

Banting Research Foundation - research grants: March 1.

Canadian Foundation for Ileitis & Colitis - research grants: March 1.

Canadian Heart Foundation - symposia and workshops: March 1.  
CNIB - Ross C. Purse fellowship: April 1.

Damon Runyon-Walter Winchell Cancer Fund - fellowships: March 15.

Easter Seal Research Institute - research projects and research training grants: April 15.

Environment Canada, Canadian Wildlife Service - university research support fund: March 19.

Fight for Sight Inc. - grants-in-aid, fellowships: March 1.

Juvenile Diabetes Foundation (US) - research grants: March 1.

Leukemia Society of America - president's research development awards, short-term scientific awards: April 1.

Louis & Arthur Lucian Award (McGill University) - nominations: March 15.

Medical Research Council - travel grants, workshops and symposia: March 1; studentships (renewal), development grants (cat.1 renewal of salary), MRC groups preliminary proposals (new) and letters of intent (renewals), NIH international research fellowships: April 1.

NCIC, Terry Fox Research Programs - project grants, equipment program for new investigators, expansion awards: April 15.

National Institutes of Health (US) - competing continuation and supplemental research grants: March 1.

National Institute for Mental Retardation - research grants: April 30.

National Neurofibromatosis Foundation (US) - research grants: April 1.

National Retinitis Pigmentosa Foundation - research grants: March 15.

Natural Sciences & Engineering Research Council - bilateral exchange program: March 1; international scientific exchange awards, international collaborative research grants, CIDA-NSERC associateships: March 15.

Ontario Ministry of Health - research projects: April 1.

Parkinson Foundation of Canada - research grants: April 11.

Queen Elizabeth Hospital Research Institute - research grants: April 1.

Whitehall Foundation Inc. (US) - research grants, grants-in-aid: March 1.

# PhD Orals

Please contact the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

## Friday, February 28

Ester Krimer, Department of Education, "The Psychological Impact of Immigration: An Experience of Change, Loss, Gain." Prof. S. Miezitis.

## Monday, March 3

Frederick John Haynes, Department of Physiology, "The Oligomeric Structure and Subunit Composition of the Hepatic Insulin Receptor." Prof. C.C. Yip.

## Friday, March 7

Mohamed Taher El-Noman, Department of Electrical Engineering, "Application of the Boun-

dary Element Method and the Impedance Boundary Condition in T-W and 2-D Eddy Current Problems." Profs. P.E. Burke and T.H. Fawzi.

Gail Judith Donner, Department of Education, "Work Setting and the Professional Socialization of Nurses in Ontario." Prof. D. Abbey.





---

**Recommendation  
for  
closure  
of  
the  
FACULTY OF ARCHITECTURE  
and  
LANDSCAPE ARCHITECTURE**



Academic Affairs Committee  
and  
Planning and Resources Committee  
of the  
Governing Council of the University of Toronto

The Office of the Provost • The University of Toronto

20th FEBRUARY, 1986

## EXECUTIVE SUMMARY

The Faculty of Architecture and Landscape Architecture, for a variety of reasons, does not occupy a position of quality and achievement which is consonant with the standards of excellence which the University expects of its academic programs. The reasons for the Faculty's deficiencies have existed for more than a decade, are deeply rooted, and have been highly resistant to various attempts to correct them.

The cost of building a foundation upon which the Faculty might be able to construct a strong record of achievement in research, scholarship and instruction is very high.

In either its current or foreseeable financial circumstances, the University would have to remove resources from other programs and services in order to meet the requirements of the Faculty of Architecture and Landscape Architecture. Since the burden of underfunding has fallen on all of the University's programs and services, the removal of resources from other faculties will inevitably undermine their quality.

Before making a decision to reallocate resources to the Faculty of Architecture and Landscape Architecture, the University would have to be confident that the increase in resources would in fact ensure the future viability and quality of the Faculty's programs. Owing to the serious and long-standing divisions within the Faculty, there is a serious doubt about whether or not an infusion of resources would in fact ensure the viability and quality of the Faculty's programs.

The rifts within the Faculty are of such depth and endurance that the Faculty no longer assumes and acts on its collective responsibility to encourage and maintain an "atmosphere in which objectivity, rational argument, critical judgment, independence of thought and co-operation" for which the University's General Objectives call.

The University cannot, in light of these circumstances, justify a recommendation to remove resources from other divisions in order to support the Faculty of Architecture and Landscape Architecture. Nor can it justify inaction that could lead to unacceptable levels of academic performance. The only practical course of action is to recommend that the Faculty be discontinued.

## CONTENTS

### EXECUTIVE SUMMARY

#### 1. INTRODUCTION

#### 2. HISTORICAL SUMMARY

#### 3. THE CENTRAL ISSUES

##### 3.1 Introduction

##### 3.2 Evaluation of the programs

##### 3.2.1. Quality

- a) Quality of instruction and research
- b) Quality of the students
- c) Quality of the facilities, equipment and libraries
- d) Quality of specialized support staff

##### 3.2.2. Institutional role

- a) Centrality to the purposes of the University
- b) Demand for access
- c) Demand for graduates
- d) Demand for research and consulting
- e) Comparative advantage or uniqueness

##### 3.2.3. Feasibility

- a) Relationship of cost to revenue
- b) Consistency and quality of planning and management
- c) Flexibility and opportunity

#### 4. ALTERNATIVE COURSES OF ACTION

#### 5. CONCLUSIONS AND RECOMMENDATIONS

#### APPENDICES \*

- A: Historical background
- B: Planning and budgeting criteria analysis: text
- C: Planning and budgeting criteria analysis: schedules, tables and charts
- D: General Objectives of the University of Toronto

\* The appendices are not reprinted in this Supplement, but are available in full copies of the Recommendation, distributed to Principals, Deans, Directors, Chairman, and members of Governing Council.

### 1. INTRODUCTION

The recommendation to close the Faculty of Architecture and Landscape Architecture affects many individuals. It is obviously of great concern to those who work and study in the Faculty at the present time. Even though all possible measures have been taken to secure their interests in the event of closure, their experience in the years ahead will be profoundly changed by approval of the recommendation. Alumni of the programs and other members of the profession are also concerned. Many of them have strong affinity for the Faculty and will deeply regret a measure which brings to an end their personal or professional involvement.

While such concerns must be given weight in the final assessment, it is also important that the Governing Council examine the issues with careful attention to the implications of the recommendation for the University of Toronto as a whole and for the future course of higher education in Ontario and Canada. The objective of this introductory section is to describe the broader context of the recommendation which is now before Council.

#### The Provincial Context

There is no comprehensive plan for academic programs in the universities of Ontario. The various acts and charters of the universities vest in their governing bodies full authority over academic programs, including both initiation and termination. The Minister of Colleges and Universities has

authority to grant or withhold funding for particular programs. The Minister normally exercises this prerogative only in granting or withholding funding for new programs which are deemed to be graduate, professional or quasi-professional in nature. The Ontario Council on University Affairs conducts a planning assessment of such programs on behalf of the Minister and recommends for or against funding. There are also periodic appraisals of all existing graduate programs conducted by the Ontario Council on Graduate Studies. A program which was found to be of unsatisfactory quality would be discontinued. In all other respects, the universities have complete autonomy with regard to their own academic programs.

This autonomy is highly prized by universities. They have argued that autonomous planning and administration leads to a better result for the province as a whole than would a highly centralized planning process. There is, however, some risk that several universities acting independently could bring about a result that is quite undesirable for the province as a whole. For this reason, the Governing Council should properly examine the proposed course of action in a wider provincial context. Council should be aware not only of the specific circumstances relevant to Architecture and Landscape Architecture, but also of the implications with regard to overall

enrolment patterns and the resulting re-distribution of operating funds. Unfortunately, in reality, its ability to proceed in this fashion is generally limited.

The dominant factor in the provincial setting is the chronic shortage of operating revenue, which afflicts all universities in the province. There is widespread agreement that the total of provincial operating grants and tuition fees is insufficient to maintain the universities at their present state with respect to capacity and diversity, and at the same time to ensure satisfactory quality. The previous provincial government maintained policies which encouraged enrolment growth and programmatic diversification, but did not provide the necessary operating funds to support the growth. The new government has recognized the problem, but has chosen for the present to deal with it by ear-marking funds for specific categories of expenditure.

The universities for several years have been caught in a dilemma. While they have proclaimed their dedication to education and research of high quality, their collective behaviour has amounted in practice to a trade-off of quality for short-term financial relief. This progressive erosion of the university system has taken place under the banner of accessibility, a doctrine supported by all three parties in the Ontario legislature and by most university leaders.

In a general and prolonged period of erosion of operating and capital support, all academic programs in all universities are likely to be affected to some degree. For various reasons, some programs are likely to be more vulnerable to erosion of their strength and quality than others. The fall-out from the graduate appraisals process illustrates this point. The responsibility for maintenance of standards is clearly vested in the respective governing bodies of the various universities. Their willingness to address questions of quality and to take remedial action is likely to be severely tested in the years immediately ahead.

A province-wide system for appraisal of quality exists only at the graduate level. For all other programs, responsibility both for appraisal and for consequent action rests with individual universities. This might lead to anomalous events. It is possible to imagine a program in university A which is actually stronger than the same program in university B, or one in a different field in university C. Yet the governing body (bodies) of university A might, partly on grounds of unsatisfactory quality, terminate its program. Universities B and C would maintain programs of lower quality and, all other factors remaining constant, would be financial beneficiaries of the action taken by University A.

It is worth noting this point, but only to set it aside. In the present circum-



stances, the University of Toronto cannot gain certain knowledge of the quality of programs elsewhere, nor is there a way, in the short run, that such information could be used to find a means of avoiding the decision with which Governing Council is confronted. That decision must eventually be made on the basis of standards acceptable to the University of Toronto without reference to those prevailing elsewhere. The decision must also be made without certain knowledge of the precise financial implications of the decision, in that the University of Toronto is unable to forecast enrolment changes in other universities.

#### Provincial Policy for the Universities

It is highly desirable that the provincial government make a clear choice with regard to the future of the provincial universities. Some of the choices which might be considered are:

- (1) To maintain the capacity and diversity of the university system and to restore adequate funding.
- (2) To maintain capacity and diversity, but to restrict funding; the quality of the system would be a consideration of lower priority.
- (3) To deliberately reduce the scale of the system, setting aside the commitment to accessibility, but ensuring that the universities could be of high quality and be operated at reduced cost.
- (4) To bring about extreme differentiation among institutions so that high quality and high accessibility can be accommodated within the same system at reasonable cost (the "Michigan" model).
- (5) To relax controls upon universities, thereby throwing them into direct competition with each other for both students and revenue. A premise for this option would be non-intervention.

While universities and OCUA have consistently supported the first of these options, past governments, without explicit acknowledgement, have pursued the second. The third and fourth options, which were identified as fall-back positions by the Fisher Committee, would be difficult and painful choices for any government. The fifth option, too, puts at risk some policies which have been in the past highly significant in provincial affairs — e.g. tuition fee levels, the survival of institutions and accessibility.

The second option is unique because it causes, or has caused, relatively little pain to legislators or to the public at large. The pain is experienced largely by the universities. The longer term disadvantages are visited upon students and faculty members. The universities have been complicit by distributing the pain and the disadvantages in the most equitable and least visible manner. They have tended thereby to paper over the problems, perhaps giving the impression not that all was well, but that the inconvenience of underfunding could be managed. Their claims for improved revenue were attenuated by their relative success in concealing the problems.

It would be helpful to know what direction the new provincial government will choose for its university policies. The signals to date are not free of ambiguity. The operating grant, at least until April 1988, has been set at a level well below what the universities need to maintain existing levels of service. The restraint now in place for federal transfer payments for post-secondary education is a very ominous sign. If there were, in the near-term future, an unexpected turn for the bet-

ter, the administration believes that this would not materially affect the circumstances as they relate to the future of the Faculty of Architecture and Landscape Architecture unless improvement were of a magnitude and at a rate which seems altogether impracticable.

Should a decision to close the Faculty be seen as a first step in the direction of "down-sizing" the university system or of further differentiation as in options (3) and (4) above?

The removal of the programs in Architecture and Landscape Architecture would, in fact, reduce the claims which the University of Toronto makes upon the global operating fund for the system. Provided the global fund is not reduced as a direct result of that measure, and provided no other university increases its claim on the fund, the foregone revenue would be redistributed throughout the system in proportion to weighted enrolment. It should be clearly understood, however, that this single measure would not have a major impact on the financial well-being of the system. The magnitude of the change is of the same order as the year to year fluctuations in enrolment within the University of Toronto and other universities which have no-growth enrolment policies.

Furthermore, there is no ground for believing that all other universities would be motivated to limit enrolment increases simply because the University of Toronto had committed itself to discontinuation of a program. Those universities who believe themselves to have spare capacity are likely to continue to make every effort to attract additional students. Some might see the University's decision as a special opportunity for expansion in architecture or landscape architecture. Under the prevailing rules, such conduct should not be considered surprising or unwarranted.

If the financial problems of the government with respect to universities were to be solved by reduction of scale (option 3, above), the elimination of a great many programs in many universities would have to be achieved. Simply to restore the erosion of operating support and resources which has taken place over the last 8 to 10 years would require additional annual expenditures at least 10% above the present level. If this were to be achieved for some programs by eliminating others, without adding to total expense, it follows that much more than 10% of total enrolment would have to be removed by terminating programs.

It is not appropriate, therefore, to regard the present proposal as a contribution to reduction of scale or to "rationalization" of the system. It should not even be viewed as the first step in such a process, because we can have no assurance that further such steps will follow elsewhere. This should not be taken to mean that the measures proposed have little significance outside the University of Toronto. On the contrary, the recommendation now before Council may prove to be a major turning point in university affairs for the province. The debate in Council may succeed in making clear to the public, to the government and to other universities some of the following points.

- (1) That the quality of academic programs is of fundamental importance at the University of Toronto.
- (2) That the financial problems of the University are sufficiently serious that draconian measures must be considered.

(3) That termination of even a single academic program represents a serious loss for the province (though not more serious than equivalent erosion spread across all programs).

(4) That multiple program terminations on a scale that would address the financial problems of the University would be extremely painful, both to the universities and to the government.

(5) That continuation of a policy which forces erosion of quality of programs while encouraging new programs and expanded enrolment elsewhere, is absurd.

#### The Institutional Context

The University of Toronto's primary aspiration is for excellence. The University stands in the front rank of universities in Canada and has claim to similar standing internationally. The distinction of the University depends in part on the breadth and quality of its programs individually, but also extends beyond this. Historically, the University's strengths were based mainly in the humanities, social sciences and physical sciences. The professional faculties of the University emerged naturally from these strengths. These faculties have themselves developed distinctive identities but their links to the basic disciplines remain, in most cases, strong and unsevered. By forging and maintaining strong links between the arts and sciences and professional faculties, the University of Toronto has been able to create a whole that is substantially greater than the sum of its parts, and in some cases considerably beyond what many other universities can achieve. Moreover, the tight integration of programs has produced extremely high internal standards of quality which all faculties are expected to meet, and in doing so must rely on one another. The result is a university whose role is comprehensive, based on broad and deep quality, with a special emphasis on research and graduate studies.

But the University's distinction poses difficult and complex questions during times of financial constraint. The stronger and more comprehensive the university, the harder it is to strike a balance between breadth and quality. If the links between programs are real and strong, quality often depends on breadth. But, ultimately, breadth is of little significance without quality. This relationship between breadth and quality implies two important institutional priorities:

- (1) The strength of programs that are of international and national stature should be maintained, if necessary at the expense of other programs.
- (2) The strength of programs and disciplines which are central and fundamental to the University's distinction as a comprehensive institution of high quality should be maintained, if necessary at the expense of other programs.

These priorities are comparatively easy to follow when funding is adequate, even if not generous. But as funding becomes inadequate — as it indeed has in the case of the University of Toronto — the selective decisions that these priorities inexorably require become, ironically, both difficult and necessary.

For a period of time, a comprehensive university of high quality will respond to shortfalls in funding by spreading the harmful effects of underfunding more or less equally across all programs and services. But that, at best, is a proximate solution. If

the underfunding is not rectified or becomes more severe, general compression will become fundamentally incompatible with the purposes and priorities of the university. And that is what has happened at the University of Toronto.

As the impact of budget reductions has become progressively more damaging, the distribution of reductions to individual programs and services has become more differential, first by giving academic programs priority over other programs and services, and more recently by making highly differential distinctions between academic programs themselves.

Inevitably, this progression culminates in highly selective decisions that are so differential that they force the discontinuation or, at least, the radical reconfiguration of programs. Those decisions, in effect, are aimed at protecting the parts of the University which are of greatest distinction and centrality at the expense of other parts. Not being of great distinction or of fundamental importance does not imply a defect. It does, however, imply a sense of priority which governs the allocation of increasingly scarce resources.

In 1983, the President's Advisory Committee on Institutional Strategy (PACIS) recognized that the University of Toronto soon would be unable to sustain its standards of excellence and distinction across as broad a range of programs in research and instruction as it had previously. PACIS produced evaluative criteria which were subsequently introduced to develop plans and budgets. The criteria specifically envisioned highly differential decisions, including the discontinuation of academic programs.

Decisions that involve discontinuation as a real possibility revolve around two factors: quality and cost. This is particularly so when the decisions are forced by an inadequacy of resources. In a university, like the University of Toronto, which aspires to excellence across a broad range of programs, the cost of maintaining the quality of top-flight programs must first of all be compared with the cost of improving the quality of other programs which may be good but not outstanding. Assuming that the quality of the outstanding programs can be maintained, a comparison might then be made between the cost of improving quality in programs that have a strong foundation on which to build excellence and the cost of improving the quality of programs which are barely adequate, or even inadequate. There will come a point in these comparisons at which the cost of maintaining existing excellence demands all of the resources that the university can marshal by reallocation. At that point, the importance to the institution of maintaining excellence will transcend that of improving programs that are at a considerable distance from excellence. The University of Toronto is at that point.

## 2. HISTORICAL BACKGROUND AND CURRENT STATUS

### a) Historical background

Instruction in architecture was first given at the University of Toronto in 1890 when a Department of Architecture was established in the School of Practical Science (now the Faculty of Applied Science and Engineering). A Master's program was introduced in 1922. The Department became the School of Architecture in 1931 and — still under the wing of Engineering — began giving formal instruction in urban and regional planning in 1933. During this early period, many of the School's courses were taught by engineers. In its technical approach to the



study of architecture, the School was similar to most architectural schools in North America at the time.

In 1948, the School became independent of Engineering, although cooperation in teaching continued. Three years later, Urban and Regional Planning became a graduate division within the School. During the 1950s, design became increasingly important (relative to technical subjects) in the study of architecture at the University of Toronto and throughout North America.

Dr. Thomas Howarth, who became Director of the School in 1958, envisioned its development into an integrated "Faculty of Environmental Design" which would encompass technical, scientific and design orientations, and both the built and the natural environments. The internal School committees struck in 1964 to work toward this end failed, however, to reach agreement on matters of structure or curricular revision, except for the establishment of a Bachelor's program in Landscape Architecture (which took place in 1965). In 1967, the School became the Faculty of Architecture, Urban and Regional Planning, and Landscape Architecture — each component group constituting a separate department.

The impediments to the integration of the Faculty's constituent units increased with the introduction by the Department of Architecture of a "New Programme" in the late 1960's. The program — which remained virtually unchanged until the early 1980's — was based upon a core studio in which students learned through their own creative work, with faculty present as resource persons and advisors. Letter grades were abolished and students given parity with professors on Faculty Council. Although the core studio was acknowledged in most quarters as a sound pedagogical approach, and a similar program was adopted by Landscape Architecture in 1970, introduction of the "New Programme" alienated some members of the Faculty.

In May of 1975, Governing Council approved the recommendation of the Vice-President and Provost that the Faculty be dissolved. According to the Kenney Report (1978), the primary cause of dissolution was "personality clashes aggravated by problems associated with rapidly growing student enrollment during times of fixed space allotments and shrinking budgets". Landscape Architecture became a department within the Faculty of Forestry; urban and Regional Planning reported to the Dean of Graduate Studies; and Architecture became an independent School, reporting directly to the Provost.

Coincident with these organizational changes, the School's program was reviewed by the Architecture Study Planning Group of the Council of Ontario Universities, in the course of an inquiry into architectural education in Ontario. The COU report commented favourably on the School's program, but noted that the success of the core studio had been achieved at the cost of divisions among the faculty. It described the physical facilities of the School as inadequate, and expressed concern about the lack of links with related professions and disciplines. These themes would be echoed in the many reviews of the program which took place in succeeding years (among which were reviews conducted by the Ontario Association of Architects' School Visiting Committee (1977); the Planning and Priorities Subcommittee's Working Group on the School of Architecture (1979); the Commonwealth Association of

Architects' Visiting Board (1982); and the Department of Architecture Review Committee (1984). Throughout this period, increasing concern was expressed about the coherence of the School's program; the adequacy of its technical components; the faculty-student ratio in light of the staff-intensive nature of the core studio; and the objectivity of evaluations of student performance. External reviews of the program in Landscape Architecture contained expressions of concern about matters such as the level of scholarly activity and levels of staffing, but were generally positive. The 1984 accreditation review, in particular, recognized the strength of the program and the progress which had been made since the previous review.

In 1978, the Provostial Task Force on Landscape Architecture recommended (in the "Kenney Report") that Landscape Architecture be re-aligned with Architecture to form a new Faculty, the relationship with Forestry being "less vital" and the level of integration, low. After extensive discussion and in spite of some opposition, the creation of the Faculty of Architecture and Landscape Architecture was approved by Governing Council in December 1979. It took effect on July 1, 1980.

The Faculty was informed by the administration in February 1983 that major changes in its operations would be necessary in order to meet recent criticisms by accreditation bodies and to reduce costs. That spring was marked by uncertainty and public controversy concerning the Faculty's continued existence, upheaval within the school, and student demands for a thorough investigation of architectural education. In this context, a "Plan for the Faculty of Architecture and Landscape Architecture" was submitted to the relevant committees of Governing Council and approved. It entailed extension of the Bachelor's program in Landscape Architecture from four to five years in duration, and revisions of the Bachelor of Architecture to address concerns about the primacy of the core studio, the adequacy of technical and professional instruction, lack of electives, and admissions standards.

For the last four years, the Faculty has been led by acting Deans, and the program in Architecture characterized by rapid administrative turnover. The past two years have witnessed the transformation of the departments of Architecture and Landscape Architecture into two programs, each headed by a director, and the initiation of a search for a new Dean which was unsuccessful. In recent months there has been an increasing sense of urgency that there be a clear determination of the future course of the Faculty.

#### b) Current status

The current status of the Faculty is summarized in the table above.

### 3. THE CENTRAL ISSUES

#### 3.1 Introduction

This section provides an assessment of the Faculty based on the objective criteria found in the University of Toronto's General Budget Policies and Procedures, 1984-85. The criteria, entitled PLANNING AND BUDGETING CRITERIA FOR EVALUATION OF ACADEMIC PROGRAMS originated in the President's Advisory Committee on Institutional Strategy (PACIS) and subsequently have been included each year in the Budget Guidelines, which are approved by the Governing Council. The criteria provide an evaluative framework for the assessment of academic units, leading to a number of

### FACULTY OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE

	Architecture	Landscape Architecture
<b>Enrolment (1985-86)</b>		
Undergraduate	244	78
Graduate	6	—
<b>Degrees Awarded (1984-85)</b>		
Undergraduate	53	42
Graduate (M. Arch)	1	—
<b>Staff (1985-86)</b>		
Academic — tenured	9	3
— term appointments	14	3
Administrative and Support	9	1
<b>Budget (1985-86)</b>		
Academic salaries		\$1,199,937
Support staff salaries		296,701
Other expenses		151,901
Staff benefits		192,009
		<b>\$1,840,559</b>

budgetary and planning options which range from continuation with increased resources, to discontinuation. The general analysis in the following sections proceeds directly through each category of the Criteria. It is based on a more detailed assessment, with supporting graphs and tables, found in Appendices B and C.

#### 3.2 Evaluation of the programs

##### 3.2.1 Quality

The quality of academic units within the University has been evaluated by means of internal and external reviews. Over the past 15 years a number of such reviews have been conducted for both Architecture and Landscape Architecture. The small graduate program in Architecture is currently being reviewed by the Ontario Council on Graduate Studies. The following assessment, based on the Planning and Budgeting Criteria, examines a larger range of indicators of quality than are normally considered by review committees. In what follows, reference will be made when appropriate, to reviews that have been completed since the early 1970's, but the analysis concentrates primarily on the Faculty as it is now.

There is, however, an obvious general conclusion worth mentioning at the outset which emerges from past reviews taken as a whole. This is, that beginning in the 1960's, and since then, the Faculty itself has been unable to reach a consensus with respect to its role as a professional faculty within a research-intensive university. This is an issue which all of our professional faculties must resolve. But the singular failure of Architecture and Landscape Architecture to reach a resolution of the fundamental issue, and the bitter conflicts that have characterized the Faculty as a result, have markedly affected the quality of the Faculty and have compromised its reputation.

#### a) Quality of the instruction and research

The purpose of this section is to summarize information and assessments which can be used as a basis for judgment as to how well the teaching staff in Architecture and Landscape Architecture collectively conduct their work. The section is intended to be an overview and should not be taken to reflect adversely on the performance of any individual.

In examining the quality of teaching staff, it is important to have in mind normative standards. It is reasonable, in the first instance, to make judgments about Architecture and Landscape Architecture relative to standards prevailing throughout the University.

This is not to say that teaching and research in Architecture and Landscape Architecture must conform to patterns which prevail in such dissimilar departments as Physics or Sociology. Each discipline and profession must naturally have variations which reflect the difference in subject matter, in disciplinary maturity, in prevailing paradigms, etc. Yet, even when full allowance is made for such variations, there are threshold standards of intellectual activity and teaching competence which must be recognized across the University. A number of academic administrators, among them the Provost, the Vice-Provosts, the Dean and the Associate Deans of the School of Graduate Studies are accustomed to making such judgments in a comparative manner across many disciplines with the advice of academic colleagues and peers.

In approaching an overall evaluation of faculty, it is perhaps useful to separate preparation from performance. By preparation, we mean the education and training at the beginning of an academic career which provides the intellectual foundation for subsequent research and teaching. By performance, we mean effectiveness and productivity in the current position. Performance reflects the quality of preparation to some degree, but is also dependent on the intellectual maturity that evolves from active and vigorous engagement in the life and discipline of the profession.

In most disciplines and professions the normal requirement for the first full-time appointment at professorial rank is a doctorate with some post-doctoral experience. The record (cited in Appendix B) shows that no faculty in the Faculty of Architecture and Landscape Architecture hold doctoral degrees. There are very few architects in Canada who hold doctorates. Few persons have been motivated to seek doctoral degrees and only one university in Canada offers one.

The quality of research must be assessed by peers. There is, fortunately, in most disciplines, abundant information which is derived from peer assessment. One's scholarly peers serve on review committees of granting agencies, on editorial boards of journals, as book reviewers and as special appraisers of departments. The recognized indicators of faculty strength in scholarship are peer-adjudicated publications, research grants and contracts, awards and honours and creative professional leadership.

The most widely accepted indicator of performance is publication. Leading universities normally accept that all competent research will lead eventually to publication. Approximate mea-



asures of performance can be made simply by examining the frequency and nature of these publications. Measurements of the volume of publications may have limited validity for a single individual, but it acquires more reliability as an index of performance of a group of faculty members. Reliability can be further enhanced by a careful reading of publications by peers. The systematic reviews of Architecture and Landscape Architecture that have been completed, and are cited in Appendix A, are based in part on careful consideration of the Faculty's record of publications.

The report in Appendix B shows that there are few journal publications by teaching staff of the Faculty. A significant number of bibliographies show no evidence of any formal publication. Creative professional achievement as indicated by numbers and quality of design projects is evident for some staff although the absolute quality of these projects cannot be judged accurately.

The number and magnitude of research grants held by an academic division is a useful index of research activity. It should be noted, however, that it is an index only of the type of activity which requires external financial support. Much excellent research is done without such support, particularly in the humanities and in some of the social sciences. It should further be noted that the dollar level of support in some disciplines is characteristically much higher than others. Provided these points are given due weight, research grant data can be both valid and useful. A faculty's ability to attract research grants can be taken both as an indicator of the level of activity, and also as indicators of quality. Peer review agencies normally give a good deal of weight to past performance in making awards.

Research funding for Landscape Architecture has been measurably better than the record for Architecture over the last five years. In comparison with the Faculties of Forestry and Engineering, however, the level of grant support from federal and provincial sources is extremely low for the Faculty as a whole. Only Law and Music, among the professional faculties, have grant records that are as low or lower than the Faculty of Architecture and Landscape Architecture, but the research activity in both these Faculties is substantially greater. Contract research in Architecture and Landscape Architecture is almost non-existent.

Other departments of the University have been successful in competing for granting council funds available for architecture, but the Faculty itself has not been successful in this competition. This would suggest that the University's strength in this sector is outside the Faculty of Architecture and Landscape Architecture, and would remain whether or not the Faculty continued to exist.

A strength of the part-time faculty, in particular those teaching in the studio options, is their profile in the profession. This has contributed to the quality of both programs. However, the full-time faculty, who do participate in external, professional activity, though to a lesser degree, have not attained the level of international or national peer recognition that one would expect in this area given a comparatively lower level of activity in traditional scholarship.

Evidence concerning the number of awards and prizes received by the faculty are provided in the CV's for individual staff members. They show that over the past five years, four out of seventeen members of the staff in

Architecture received eight prizes, including the designation "honourable merit" or "merit", which is difficult to assess. In Landscape Architecture two staff members obtained three prizes over the same period. These numbers are based entirely on prizes listed in the curriculum vitae.

The development of a successful program of instruction entails: (i) the definition of appropriate goals; (ii) the preparation of plans for assembling the necessary resources; (iii) the effective management of those resources; and (iv) methods of evaluating success in reaching the agreed goals.

The primary resource of the Faculty of Architecture and Landscape Architecture — as of the University as a whole — is its faculty. Both the number of faculty members and the quality of their research effort are relevant to the character of a university-level instructional program. According to the division's "Staff Complement Plan: 1985/86 to 1989/90", a net increase in Architecture's tenured faculty complement of 4.1 FTE's over five years is required in order to bring the staff/student ratio to an appropriate level, support existing graduate and research specializations, and provide program continuity. The needs of Landscape Architecture are proportionately greater — a net increase of 3.8 tenured faculty positions being required to maintain the quality of the Bachelor's program and to provide the basis for a graduate program in Landscape Architecture. In fact, in its 1984 Report, the Visiting Team of the Landscape Architecture Accreditation Board noted the need for additional tenure-stream appointments, observing that: "the faculty in many ways represents a strong resource but [with only three tenured members] is minimally adequate to support the new five-year program. . . . A strong program of this magnitude requires five or six full-time tenure stream appointments. . . . The remaining faculty can still consist of limited contract and part-time appointments who do represent a richness and a significant resource for the department to draw upon. The faculty/student ratio per se has been significantly improved during the past two years and is now at a reasonable level".

The faculty/student ratio in Architecture was deemed to be seriously deficient by a Visiting Board of the Commonwealth Association of Architects in 1982. In its report (which constitutes the most recent complete external review of the program), the Visiting Board noted that it was "somewhat ironic that a School openly declaring its pedagogic reliance upon the core [studio] activities, an acknowledged labour-intensive educational method, finds itself with a staff/student ratio so far adrift from the normative 1:8 to 1:10 range expected for project based courses".

A different perspective on the adequacy of the resources at the disposal of the Faculty is obtained from comparisons with other divisions of the University and similar programs at other institutions. As is explained in Appendix B (Section 3.2.1), the Faculty does not appear to have been deprived of resources, relative to other professional and applied arts programs at the University. Its staff/student ratio is comparable to those at its counterparts at Guelph and Waterloo Universities. Although the latter programs have higher budgeted expenses per FTE faculty member, budgeted expenses per FTE student are similar to those at the Faculty of Architecture and Landscape Architecture.

What explains the Faculty's high resource requirements, relative to

those of comparable programs? The labour-intensive nature of the core studio — alluded to by the Visiting Board of the Commonwealth Association of Architects — provides a partial explanation. Nevertheless, the curriculum reforms of 1983 reduced the primacy of the core studio and one might reasonably have expected that this — coupled with the planned decrease in enrollment and greater integration of the Faculty's two programs — would have lessened its need for additional resources. The facts that this has not occurred, and that the Faculty is unable to cope with resource constraints comparable to those facing similar programs, suggest that such constraints do not in themselves explain the difficulties experienced by the Faculty. This suggestion acquires particular force when one considers that the Faculty — and Architecture, in particular — draws but little on the academic and professional resources which surround it, in spite of the nature of its programs. For an explanation of the problems plaguing the Faculty one must look beyond global level of resources at its disposal, to the nature of those resources and the manner in which they are deployed.

As important as the content of an educational program is the effectiveness with which it is communicated. This is a function both of the quality of teaching and of the coherence of the program within which it takes place. The Faculty has conducted formal student evaluations of its classes since 1982. Recent evaluations of approximately half of the Faculty's courses are summarized in Appendix B. Although inter-divisional comparisons are difficult, students' assessments of their classes and professors do not appear to differ significantly from the University norm. In the case of Landscape Architecture, there is every reason to believe that classes are organized into an effective and coherent program. The most recent Landscape Architecture Accreditation Board review in fact complimented the faculty on the soundness, breadth and flexibility of the new undergraduate curriculum. The establishment of a Master's program in Landscape Architecture was endorsed as a long-term objective by the administration, in its response to the Faculty's 1983 plan, on the understanding that its realization would await the development of the necessary research base.

There are signs of serious flaws within the programs in the Faculty. In Architecture, these take two basic forms. Review committees have since the late-1970's expressed concern about lack of coherence in the organization, sequence and structure of the undergraduate program, in particular. (The primary source of problems within the small graduate program appears, in contrast, to be the level of scholarly activity). A second, perhaps more disturbing, sign of deep-seated problems are the reports — from students and contained in program reviews — of an acrimonious atmosphere within the program. It was described by the Architecture Review (Friedland) Committee, which reported in May 1984: "Our overall conclusion is much the same as that expressed by the 1982 Visiting Committee from the Commonwealth Architects Association [CAA] 'All the ingredients which contribute to excellence are present but have not yet been fully orchestrated.' One ingredient, however, that we found lacking was common civility or good manners toward the ideas and character of others. There was ideological intolerance uncommon in a university environment. . . . The social structure that is important in any institution seems to have broken down."

The recent crisis over the option studios in Architecture suggest that difficulties are still present. Complaints to the University Ombudsman have reached serious proportions on three occasions over the past seven years. In many cases, the concern has been with the assignment of marks — specifically with respect to the studios, in which a considerable degree of qualitative judgement is exercised by the instructor.

The present analysis of the Faculty's resources suggests that all the ingredients which contribute to excellence are not in fact present: the level of scholarship appears to be inappropriately low, for instance, and the physical facilities, inadequate. Nevertheless, in agreement with the Friedland committee's observation, it would appear that the resources are not so deficient as to explain fully the program's predicament. The explanation must be sought as well in the manner in which they are deployed.

The quote from the CAA's Visiting Board serves as a reminder that the quality of education within a Faculty reflects not only the amount and nature of the resources at its disposal, but also its ability to integrate these resources into a coherent program. This involves more than a modicum of administrative talent. Insofar as professors are a Faculty's greatest resource, integration takes place through cooperation in pursuit of shared (often implicit) educational goals.

The many reviews of the Architecture program conducted during the past decade and a half have recognized the existence of serious divisions among the faculty. In this respect, Architecture is not unique: such differences exist in many academic units, and may in fact facilitate the pursuit and communication of knowledge. Architecture is distinctive, however, in that the divisions within it have precluded the re-establishment of a common educational philosophy and set of goals. One symptom is that effective planning within the program has been minimal. A second consequence of lack of consensus is rapid turnover in administrative leadership, owing to the virtual impossibility of securing the faculty's commitment to a common vision of its task. In some respects, the existence of such a vision may be more important than its contents. According to the most recent external review of the Architecture program, "whether a pedagogic program chooses to follow the lead of the academics by isolating and inculcating 'eternal wisdoms' or to embrace the liberal tradition and make a virtue out of 'pluralism' is pedagogically, if not ideologically, immaterial as long as its intention is explicit to both faculty and students". In the case of Architecture, it is not. Since the objectives of the program cannot be delineated, resources are necessarily insufficient for their realization. Owing to lack of consensus concerning the contribution which other disciplines should make to the program, there are few links to the academic and professional resources which surround it. Finally, the development of an atmosphere in which (to quote the General Objectives of the University) "objectivity, rational argument, critical judgement, independence of thought, and cooperation are encouraged" is not possible.

#### b) Quality of the students

The quality of students in Architecture or Landscape Architecture is satisfactory. The reviews of both programs have been generally enthusiastic about the students, and the analysis in Appendix B confirms these assessments. The admission requirements to



both programs are consistent with the standards of the University. The Grade 13 records of entering students are similar to students entering comparable programs in other institutions. The number of Open Scholarships awarded to graduate and undergraduate students in Architecture and Landscape Architecture are comparable to the number awarded to students in other professional faculties in this university, except for Engineering where the number is considerably higher. The proportion of students who continue to retain these awards is low. Students have been the recipients of awards and prizes. For example, the Raymore Medal, awarded to the graduate completing the OAA admission course with the highest standing, has been given to a Toronto graduate five times since 1971 (although only once since 1978). Students from McGill won the award four times over the same period, followed by Waterloo three times, MIT twice, and Carleton once. Some concern, however, has been expressed in reviews about the technical competence of the Faculty's students. This is more a concern about the program that students take than about the students themselves.

#### c) Quality of facilities, equipment and libraries

Quality of accommodation is particularly important to studio-based arts programs. The Faculty is currently housed at 230 College Street. The amount of space in the building is sufficient to meet the present and projected needs of both programs, but the quality of that space is deficient in several respects. The renovations that are required are cited in the Report of the Advisory Committee on Space and Planning (ROB Report), completed in November of 1984. The Physical Plant Department estimates the cost of these renovations to be \$2.8 million.

A singularly important consideration in any professionally-oriented program is the need to expose students to advanced technology. The study of design currently requires familiarity with computer-aided techniques (computer-aided design). At present neither program in the Faculty has the resources necessary to mount CAD courses, although Landscape Architecture is beginning to acquire the resources to do so. An estimate of the cost of providing CAD equipment for Architecture and Landscape Architecture, is \$420,000 in one-time capital costs, with an addition of \$190,000 to the base budget for ongoing requirements in staff, utilities and maintenance contracts.

Chronic underfunding over the past ten years has resulted in a continued erosion of equipment budgets throughout the University. The Faculty of Architecture and Landscape Architecture has not escaped this erosion. This is a particularly serious problem for programs which place emphasis on laboratory or studio work. At present more than half of the Faculty's equipment inventory is above the age of normal usefulness. If the Faculty's base budget were to be eroded further, the applied aspects of both programs would be even more seriously threatened.

The central library holdings of the University of Toronto are ranked in the top ten in North America. This resource is available to all divisions of the University. The Faculty has, in addition, its own library collection, for which it is responsible and which is considered to be quite good, although in some respects it does not compare well with those other programs in Ontario. Taken together, the University and the Faculty provide library collections that are of a high quality.

d) *Quality of specialized support staff*  
The services provided by specialized support staff are important to the Faculty, and are of high quality. The services, however, are not unique to the Faculty as comparable services exist in several other faculties and departments.

#### 3.2.2 Institutional Role

The University of Toronto is the largest and one of the oldest universities in Canada. It is the leading centre of academic research and graduate studies. Because of its age, size and prestige, it has accumulated numerous special resources, the most notable of which is Canada's leading research library. The University has built and maintained strength in all of the basic disciplines, particularly in the humanities. All of these disciplines have programs at the doctoral level. The University has developed very strong professional schools which both draw upon and contribute to the fundamental academic strength of the University; almost all of the professional programs have graduate arms as well. The University of Toronto is further enriched by other higher educational and cultural institutions, such as the Royal Ontario Museum, the Art Gallery of Ontario, the Toronto Symphony Orchestra, the Science Centre, teaching hospitals and numerous research-oriented corporations.

The University of Toronto has deliberately chosen to be a comprehensive university, both because of the opportunity this choice gives for assembly of unique resources, and for a wealth of interaction between diverse disciplines and specializations. This gives to the University a special position of leadership among Canadian universities. The future well-being of the University does not depend absolutely on maintaining the present size. The University could retain its distinctive character and excellence with substantial reduction in scale if there were sound reasons which made that desirable. The University, although it has the most comprehensive range of programs of any university in Canada, cannot be all-inclusive. As noted in the introduction, the University values both quality and breadth, but quality must, if necessary, take precedence over breadth.

The University has been shaped by many factors and processes — by deliberate planning, by uniquely gifted academic leaders, by collective aspirations of groups of faculty, by special opportunities which emerge from time to time, by the wishes of its patrons, by the needs of the province and the country. For each part of the University there is a constantly changing pattern, not only with respect to its role, but also with respect to its relationships with other parts of the University. These changing patterns require, from time to time, a re-examination, not only of the quality of each part of the University, but also of its compatibility with the whole.

#### a) Centrality to the purposes of the University

Architecture and Landscape Architecture are professional fields which can be characterized both as applied sciences and applied arts. As applied sciences, they may be compared conceptually with faculties such as Engineering, Medicine, Dentistry, Pharmacy, Nursing and Forestry. These faculties all have an established place in the University because they rest upon the foundations of physical, biological and social science, because they in turn provide intellectual challenges and nourishment for the basic disciplines. Architecture and Landscape Architecture are alone among these applied sciences in that they do not enjoy strong links to the basic

scientific and social science disciplines, nor indeed to the other professional fields like Engineering.

In the area of the applied arts, the overall pattern is significantly different. The University has a long and distinguished history of scholarship and education in music, drama and fine art. If one examines the entire pattern, it is evident that there is uniform strength across all these fields in scholarly aspects of the arts, in music history and musicology, in art history, in the study of drama as literature, as well as in cognate fields such as archeology and aesthetics. In the applied arts, on the other hand, only the Faculty of Music stands out. The performance program in music has special strength and the opera school is a particularly visible manifestation of the applied arts. In drama, the University has been a very rich centre of theatrical production for many years. It is clear, however, that the production has been of two kinds: (1) cultural and recreational, but outside the academic mainstream, (2) incorporated in the academic mainstream, but supportive of the graduate program in drama which is essentially scholarly in nature. In fine art, particularly on the St. George campus, the studio program again plays a supportive role for what is undoubtedly the strongest program — graduate and undergraduate — in the country. In contrast, major developments in studio arts have taken place in several nearby institutions — the Ontario College of Art, York University, Ryerson Polytechnical Institute, Sheridan College of Applied Arts and Technology, and several other community colleges.

In this context, Architecture and Landscape Architecture have become anomalous. As schools of applied art or science, they are not linked to their intellectual foundations. The connections to fine art and aesthetics are, at best, tenuous.

Both Architecture and Landscape Architecture have consistently failed to develop even modest levels of interaction with other units in the University. This has been a concern expressed repeatedly in the reviews of the programs over many years. One of the objectives of the "New Programme" of 1983-84 was to forge links with related disciplines and to strengthen the interaction between Architecture and Landscape Architecture. However, the evidence discussed in greater detail in Appendix B shows that little progress has been made, either with respect to the University at large, or with each other.

One practical way of determining the centrality of the Architecture and Landscape Architecture programs within the University is to ask whether their absence would affect in any way the quality and content of remaining programs. It must be concluded that these programs are not central to the University nor have they drawn much of their strength from the University.

A measurable indicator of interconnection is the number of cross-appointments between the Faculty and other divisions in the University. For the past two years, except for the Acting Dean who holds an appointment in Civil Engineering, there have been no cross-appointments to the Faculty on a budgeted or status-only basis. Nor have there been any cross-appointments of staff from the Faculty to other units in the University.

Architecture does not require any core or elective courses to be taken outside the Faculty, although some students do take such electives, particularly in the Department of Fine Art. Landscape Architecture does require some

Geography and Botany courses in addition to a surveying course as part of the core program. However, the figures for service teaching in the Faculty of Arts and Science are low, especially when compared with other professional faculties. The Faculty offers one and one-half courses in the Faculty of Arts and Science with a total enrolment of 19 full course equivalents in the current year. Neither of these courses is program related.

#### b) Demand for access

The Architecture program is one of three in the province granting a bachelor's degree. The demand for entry to all three has been high. The data provided in Appendix B indicate that the program here is as popular as the programs offered in other institutions, though not more so.

The Landscape Architecture program is one of only two in the province. The data show that demand for entry is not high and that the program takes almost everyone who applies and meets the requirements. It is difficult to compare figures with the program at Guelph, since Guelph does not permit direct entry.

The geographic representation of students admitted to the Faculty is strongly focussed in Ontario — especially Toronto. There is no significant demand from other provinces or from outside Canada.

The two-year graduate program in Architecture is unique to the province. But demand for entry is very small and the number of students enrolled has been declining. Only a minority of students enrolled in the last ten years came from Canada. The graduate program is presently undergoing an OCGS appraisal.

#### c) Demand for graduates

A recent major study entitled "Managing in Difficult Times, A Report on the Architectural Profession in Canada", (March, 1985), prepared for the Department of Regional Industrial Expansion, projects low demand for the profession as a whole for at least the near future. "Firms will continue to decline in size and there will be no employment growth". At the present time, the number of unemployed architects and landscape architects in Canada is nearly 600 and about a third of these are in Ontario.

#### d) Demand for research and consulting

There is little evidence of current demand for research in architecture and landscape architecture. The foremost patron of research in Canada is, of course, the Federal Government. The most substantial and visible manifestation of governmental interest in relevant fields is the Division of Building Research of the National Research Council. This Division is largely self-contained and most of its work is conducted in its own laboratories. Both the Natural Sciences and Engineering Research Council and the Social Sciences and Humanities Research Council support research in architecture and landscape architecture. Both Councils are passive in the sense that they react to research proposals received from universities. Neither Council has identified architecture and landscape architecture as strategic areas of priority. There are a great many philanthropic foundations and agencies in Canada and the United States. A few of these make occasional awards in architecture and landscape architecture but no major foundation dedicates a substantial share of its revenue to these fields. There is no evidence which suggests that private corporations are major sponsors of architectural research.



The need for architectural research, on the other hand, is readily apparent. All professions rest upon foundations of theory, history and substantive knowledge. One of the responsibilities of professional schools in universities is to conduct research relevant to these foundations, to renew and refine the profession's understanding of itself and its role. Such activity helps to ensure that the profession remains intellectually vital and open to new insight borrowed from other disciplines and professions.

The agenda for applied research to which architects might make a contribution is very lengthy. Among the scientific and technical issues are: (i) development and evaluation of new materials and new products, (ii) applications of new technology in design, (iii) assessment and refinement of building standards, (iv) environmental problems such as health and safety and energy. Other fertile fields for research are closely allied to the social sciences: (i) professional practice; standards, ethics and regulation, (ii) public policy and legislation, (iii) evaluation of building design with reference to social factors. A great deal of research might usefully be done on contemporary Canadian issues, e.g. (i) low-cost housing, (ii) housing for the elderly, (iii) building design for specific Canadian settings (rural, far northern, off shore).

The Barnard Report (p. 3.12) emphasizes the importance of research for the future of the profession: "Architects can expand the scope of their services by becoming most active in research and development and other technology projects. . . . Architects should actively seek research contracts from government and private manufacturers to assist in the development of improved building products and processes. . . . Architects can also assist in prototype and application research for building products. . . . It may be significant that the Barnard Report does not look to the universities as possible sites for the proposed research activity.

With regard to consulting, there is no ready means by which demand for consulting services by the professoriate can be assessed. Many members of the faculty engage in part-time professional work outside the University. While some of this work undoubtedly calls upon unique expertise, some is probably best described as normal professional practice. Only the faculty members themselves are qualified to describe the nature of this outside work in specific detail. As a general rule in professional faculties, it is faculty members who are active and productive in research who are sought after for highly specialized consulting work.

#### e) Comparative advantage or uniqueness

Neither of the programs can be defined as institutionally distinctive in the sense that no support or services are provided to other programs within the University, either at the graduate or undergraduate level. (See Planning and Budgeting Criteria in Appendix B).

These criteria define locally distinctive as circumstances in which location of program offers specific advantages which are not present elsewhere. There is abundant evidence that such circumstances exist in Toronto. It has been said many times that Toronto is an excellent urban laboratory for architecture. There are advantages for students who have their professional educational experience in an environment in which there are opportunities for interaction with leading members of the profession.

The Faculty is distinctive provincially in the sense that it provides the only graduate program in architecture, but the demand for access is very low. The Faculty is not nationally distinctive because of the variety of other programs available in the country. Exclusive of the program in Toronto, there are ten degree granting programs in architecture plus the program at Ryerson Polytechnical Institute which enrolls almost as many students as the combined enrolment of the other three Ontario programs. There are eight graduate programs in architecture including a doctoral program at the Université de Montreal. There are four university degree granting programs in landscape architecture of which two offer graduate degrees.

### 3.2.3 Feasibility

#### a) Relationship of cost to revenue

The relationship of cost to revenue for the Faculty of Architecture and Landscape Architecture could be expressed in simple terms. In 1985-86 the Faculty is nominally generating about \$340,000 more than its costs. But the reduction in enrolment that was introduced in 1983-84, when fully implemented, will ultimately reduce revenue to a level about equal to cost. It is the latter, "steady state" figure that bears more on the proposal to discontinue the Faculty.

The University does not set divisional expense budgets by reference to the level of revenue that can be nominally attributed to them. The Operating Grant Formula cannot be used with that degree of precision since it is applicable only at the institutional level. Even if the Formula could be applied at the program level, each university's distinctiveness depends on its own judgments about the allocation of resources.

Two judgments about the allocation of resources to the Faculty are of special significance. The first is that the Faculty, in terms of external assessments and its own revenue plan, requires additional resources. In operating expenses alone this requirement initially would amount to about \$500,000 annually, and increase to about \$1.3 million by the time the plan is fully implemented. The second judgment is virtually a matter of fact: additional resources for the Faculty must come from reallocation within the University.

The following schedule displays the additional expenses that would be necessary to fund the Faculty's complement plan and make other improvements that would be needed to raise the level of quality in the Faculty to an acceptable standard, and keep it there by protecting the budget.

Improvement to an acceptable standard of quality will cost up to \$1.3 million in operating costs, plus about \$3.2 million in capital costs for equipment and accommodation. It is

the relationship of these costs to revenue that is of utmost concern. The feasibility of meeting these costs in terms of current or anticipated revenue is virtually non-existent. Even if additional resources could be marshalled to this degree, other priorities would claim them.

#### b) Consistency and quality of planning and management

The Faculty does have a plan. Over the last decade it has had several plans. None of these has been fully implemented. Some have failed because the Faculty could not come to a consensus about them. The most recent plan, which was submitted in 1985, would require a major increase in expenditure for its realization. Reasons differ, but an unavoidable conclusion is that there is no practicable plan that could realistically correct the problems in the Faculty without an investment of funds for which there is no evident source, other than the University's existing budget.

The criteria, quite properly draw attention to quality of management.

The implied question is whether the lack of managerial ability is a factor which may prevent the Faculty from implementing a particular plan. This question would have relevance both for leadership of the Faculty and for academic leadership of the University.

The question is not whether Deans, Acting Deans, Vice-Provosts, Provosts and Presidents have been effective in the past. Errors of judgment may have been made. With the wisdom of hindsight, one could conceive of particular courses of action in the past which might have avoided the complex problems which are now apparent. There is little to gain, however, from an inquisition.

The question for the present could perhaps be put this way: Would changes in leadership alone make possible satisfactory future development of the Faculty? If the Faculty were to be continued, a new Dean would most certainly have to be appointed.

Appointment of a Dean alone, without other changes, would offer little prospect for improvement in the situation, whatever the managerial ability of the appointee proved to be.

#### c) Flexibility and opportunity

Two conditions must be present before change can be contemplated seriously. First, an opportunity must be created to make change possible. Secondly, there must be sufficient flexibility to implement change effectively. In the case of the Faculty of Architecture and Landscape Architecture, it is particularly important that the flexibility be present at the divisional level.

Opportunities can be created by initiatives taken within a faculty itself, as has occurred with remarkable frequency in various parts of the University. Opportunities can also be created by the deliberate action of the University, government, or patrons of the

University. The financial condition of the University is so serious that the frequency and scale of new opportunities that can be created by it are severely limited.

The estimated cost of implementing the Faculty's plan and making other improvements in the Faculty are very high, for both Architecture and Landscape Architecture. One of the central issues of this report is whether or not the University can or should create this opportunity.

A corollary and equally central issue is whether or not, given the opportunity, the Faculty has the flexibility to act on it. The past record is discouraging in this respect. The climate within the Faculty is likely to diminish, instead of enhance, the academic returns on an investment of this magnitude. That will be true regardless of the source of funds for the investment.

## 4. ALTERNATIVE COURSES OF ACTION

The University's "Planning and Budgeting Criteria for Evaluating Academic Programs" suggest six courses of action that might be taken following applications of the criteria:

- continuation of current levels of activity
- continuation at lower levels of activity
- continuation at higher levels of activity
- continuation at lower levels of activity, but with selective development
- discontinuation
- introduction of new programs

Recent reductions in enrolment have been made without concomitant reductions in complement. Research activity has never been more than modest. An initial observation, then, is that the level of activity in the Faculty of Architecture and Landscape Architecture does not seem to be related directly to most of the difficulties which affect the Faculty. In any case, current levels of activity are moderate.

The estimates of the resources required to bring the Faculty up to an acceptable level of academic quality and performance assume no major increases in activity. The Faculty's staff complement plan is aimed primarily at reinforcing current levels of operation, improving the graduate program, and expanding research. The plan proposes an expansion of academic complement from 22.8 FTE's to 34.4 FTE's, an increase of about 50 per cent. The ultimate impact of a major infusion of resources is problematic. It may or may not ensure the future viability of the Faculty's programs, since many of the Faculty's problems have no evident connection to resources. The cost of this improvement would fall unavoidably on other programs and services in

### ESTIMATED ADDITIONAL EXPENSE REQUIRED TO SUSTAIN IMPROVEMENTS OVER A FIVE YEAR PERIOD

	Capital & annual costs					Five year cost
	1986/87	1987/88	1988/89	1989/90	1990/91	
Computing facilities	520,000	190,000	190,000	190,000	190,000	1,280,000
Operating budget	503,978	675,790	819,765	865,251	890,073	3,784,857
FTE complement @ \$3.8 in 1985-86	12.3	3.2	3.1	0.0	0.0	18.6
Protection from budget reductions	38,000	89,000	133,000	172,000	208,000	640,000
Building renovation	2,802,350					2,802,350
	3,864,340	954,793	1,172,768	1,227,251	1,288,073	8,507,226



the University. Thus the possible resolution of problems in the Faculty of Architecture and Landscape Architecture would create problems in other faculties.

If the enhancement of the Faculty's resources were to be funded by an expansion of its enrolment, the necessary increase would be an approximate doubling of enrolment. Since the plan for improvement does not anticipate major increases in enrolment, an increase to provide additional funding would be the first step in an upwardly spiralling syndrome in which resources and levels of activity would never be in balance. Even if that were not the case, there is currently no apparent need for graduates which would justify such an expenditure.

Levels of activity in the Faculty were lowered considerably in 1982-83, and would continue to decline as that decision is fully implemented. Lowering the levels of activity has had no visible impact on the quality and performance of the Faculty. Its problems have continued unabated. The Faculty already is quite small, in terms of both enrolment and complement. Maintenance of a critical scholarly mass would soon become an additional problem if the Faculty were reduced further, especially since the Faculty comprises two programs. That would be true whether or not a reduction of activity was accompanied by selective development of one program or another.

In light of the difficulties that face the Faculty's existing programs, and the cost of improving them, there is no reason to expect that the introduction of a new program would offer any benefit. In any case, despite serious differences between points of view in the Faculty, no one has proposed the addition of a third program.

The cost of capital improvements — about \$3.2 million for accommodation and equipment — would be approximately the same for each alternative course of action, except for one which involved a large increase in enrolment. In the case of a large increase in

enrolment, additional space would be required.

## 5. CONCLUSIONS AND RECOMMENDATIONS

The Faculty of Architecture and Landscape Architecture at the University of Toronto does not, for a variety of reasons, occupy a position of quality and achievement which is consonant with the standards of excellence which the University expects of its academic programs. The cost of building a foundation upon which the Faculty might be able to construct a strong record of achievement in research, scholarship and instruction is very high. The cost of improving the Faculty notwithstanding, the divisions within the Faculty are so acrimonious and strongly held that the prospect of an effective consensus being formed in regard to what the Faculty should be and how it should become that is very unpromising. Owing to the serious and longstanding divisions within the Faculty, there must be a serious doubt about whether or not an infusion of resources would in fact ensure the viability and quality of its programs.

The middle ground has disappeared. The University, in terms of its commitments to excellence, cannot afford to have the Faculty continue to muddle through, especially where there is no realistic prospect of a common will to bring about change. But the cost of improvement, assuming that it would lead to change, is equally unaffordable. The financial cost of moving ahead is excessive, and the academic cost of standing still is unacceptable. Moving ahead would itself have an academic cost in the sense that the cost of progress in the Faculty of Architecture and Landscape Architecture would come at the expense of other divisions of the University, thus diminishing their quality. Small shifts of resources towards the Faculty will have a minor impact at best.

A recitation of the problems and divisions within the Faculty over the last decade and a half is relevant to the

issue at hand only to the extent that it demonstrates that the problems are neither temporary nor insignificant, and that several solutions have already been attempted. The issue is not really about the past. It is about the future. And the future in question is as much about the future of the University as it is about the future of the Faculty.

The existence of divisions within a faculty does not in itself place the faculty's programs in jeopardy. Disagreements and competing ideologies exist in many academic organizations, and can in fact stimulate the advancement and transmission of new ideas. But the rifts within the Faculty of Architecture and Landscape Architecture are of such depth and endurance that the Faculty no longer assumes and acts on its collective responsibility to encourage and maintain the "atmosphere in which objective judgement, independence of thought and co-operation" for which the University's General Objectives call. The Faculty's past has in effect seriously compromised its future.

The program in Landscape Architecture does not entirely share that past, but it is inexorably part of the future of the Faculty as a whole. The quality of the Landscape Architecture program depends on the quality of the Architecture program. The cost of improving the Faculty applies as much to Landscape Architecture as to Architecture, and perhaps more so since the Landscape Architecture program has virtually no foundation on which to build strength in graduate studies and research.

The future, then, allows only two choices. The University could attempt a large scale reallocation of resources away from other programs and services to support the Faculty of Architecture and Landscape Architecture, and to reorder its capital priorities, also to support the Faculty. The quality of other programs and services would unavoidably suffer. Moreover, the University could not be confident that the infusion of resources would ensure

the future soundness of the Faculty's programs.

The other choice is as regrettable as it is necessary. The University could discontinue the Faculty, thereby protecting and to a degree improving the quality of the programs that would remain, removing programs which do not meet acceptable standards of quality. The magnitude of the additional resources required by the Faculty, and the lack of certainty that the addition of those resources would ensure the future viability of the Faculty, combine to make discontinuation the only reasonable course of action.

The relationship between the University of Toronto and the architectural profession has been strong and constructive for most of its 96 year history. But over the course of that history, particularly in the last few years, the circumstances of the University, the Faculty of Architecture and Landscape Architecture, and the profession, have changed. Neither the Province of Ontario nor the City of Toronto is likely in the future to need a school which will do little more than swell the ranks of the professions.

In common with virtually all enterprise in Canada — whether in the academy or in the private sector — the future demands excellence, especially the excellence that arises from concentrating our efforts and resources on what we can do best, and carefully husbanding those efforts and resources by turning away from that which we cannot do well.

We therefore recommend that:

1. Admission to the undergraduate and graduate programs in Architecture and the undergraduate program in Landscape Architecture be discontinued, beginning with the 1985-86 admission cycle.
2. The Faculty of Architecture and Landscape Architecture, and the degree programs in Architecture and Landscape Architecture be discontinued on June 30, 1990.



# OISE willing to negotiate affiliation, not transfer

The Ontario Institute for Studies in Education has indicated to U of T President George Connell that it is ready to resume negotiations, but with the clear understanding that they will lead to an affiliation agreement, not a transfer of OISE to U of T, as was recommended by Ontario Treasurer Robert Nixon in the October budget.

In the meantime, NDP MPP Marion Bryden has introduced a private member's bill asking for an amendment to the OISE Act that would give the institute the power to grant its own degrees. The bill was given first reading Feb. 11. Not only the NDP but also the Progressive Conservatives

have indicated they are in favour of the bill, says OISE Faculty Association president Mary Alice Guttman. The move has the support of the board of governors, she added.

In a meeting Feb. 14 with Nixon initiated by OISE faculty members, the treasurer made it plain that he hasn't changed his mind, said Guttman. "He no longer talks about economic arguments but says his motive is enhancement," she reported. "He indicated that no legislative action is scheduled for this year, though. His solution is for the two institutions to get together and start talking, with a transfer to take effect

by May 1, 1987."

The hearings begun by the social development committee have been moved to the general government committee, with hearings for the week of March 17 scheduled in Toronto and OISE field centres — Ottawa, North Bay and Thunder Bay. More hearings will probably be scheduled for some time in April.

This week a report is expected from a committee of the Joint Council on Education that has been reviewing events that led to the impasse in negotiations for a merger of OISE and U of T (see below).

## Joint council establishes committee to resolve impasse in OISE discussions

*Following is a statement from the Joint Council on Education.*

The Joint Council on Education of the University of Toronto and the Ontario Institute for Studies in Education was established to achieve the purposes of the Agreement of Affiliation; that is, to enable the University (including the Faculty of Education) and the Institute to pursue common objectives and goals in graduate and undergraduate studies, training and research in education. To that end, the council supports the University/Institute commitment to cooperative and complementary activities in teaching and research in education that will enable the two institutions to respond most effectively to major challenges and opportunities in areas of shared responsibility in studies in education.

The Joint Council on Education has been working since 1980 to establish an environment for pro-active, productive cooperation between the individuals of the participating bodies.

In 1982 the joint council moved to the next stage of cooperation, i.e. defining mechanisms for affiliation between the two institutions.

This evolving effort of the joint council was interrupted by the pronouncement by the Treasurer of the Government of Ontario that the University of Toronto and the Ontario Institute for Studies in Education would be amalgamated within the next year. The resulting responses have, in the opinion of the joint council, inhibited the natural movements to affiliation already begun. The outcome has been an unfortunate impasse.

At its meeting of Jan. 17, the Joint Council on Education recommended the exploration of means whereby the council could contribute to breaking the impasse, re-establishing lines of communication between the University of Toronto, FEUT, OISE and the Ontario government, and making practical recommendations to that end. On Feb. 10 the joint council

agreed to the establishment of a committee of council with the following responsibilities.

1. To review those events, documents and positions taken that have led to the current impasse regarding the future relations between the University, including the Faculty of Education, and the Institute.
2. To consult with, and receive suggestions and advice from, members of the council, and such other parties as the committee may deem advisable, regarding the resolution of the impasse.
3. To formulate one or more proposals for future relations between the University, including the Faculty of Education, and the Institute that will:
  - advance the common cause of the sound and efficient education of teachers in Ontario at all levels together with related and applied research in education; and
  - conjointly satisfy the vital interests, if not every desire, of the principal parties and constituencies involved.
4. To recommend to the council such proposals as it may formulate under 3 (above), as well as the means that the council might take to present them to the principal parties and relevant constituencies.

The committee is to present to council its results as soon as possible, and in any case no later than Feb. 28, 1986. It may present one or more interim reports or recommendations.

The committee has the authority to co-opt additional members or to appoint such additional work parties or subcommittees as it may deem necessary or advisable.

The members of the committee on Institute/University relations are: Professors Johan L. Aitken (*chair*), FEUT, Department of Curriculum, OISE; F. Michael Connelly, Department of Curriculum, OISE; Howard Hainsworth, FEUT; Rose Sheinin, vice-dean, School of Graduate Studies; and Richard Volpe\*, Institute of Child Study, FEUT; and Linda J. Newton (*secretary*), executive secretary, Joint Council on Education.

Interested parties are invited to submit their comments and/or proposals to the chair of the committee as soon as possible. Individual members of the committee may also be contacted.

\*Professor Volpe will attend those committee meetings which Professor Hainsworth is unable to attend.

## Scarborough student commended for role in arrest after home-made bomb set off

Scarborough College principal Ron Williams has sent a letter of commendation to a geology undergraduate, Jim Bowman, 23, for his role in the arrest of three youths suspected of detonating home-made bombs in a wooded area near the college residences early in the morning of Jan. 31.

The incident began around midnight, according to Bowman. "I was standing in the kitchen with a friend when suddenly an explosion went off on the window sill," he said. "It was a 12-gauge shotgun shell. Someone had taken the pellets out and put a wick into it."

When he heard further explosions nearby, Bowman went outside and spotted three youths in the woods. After telling his friend to call campus police, he circled behind them. One youth then ran to the parking lot, crawled under a car and reemerged. At this point, as a campus policeman

approached the scene, Bowman surprised and tackled the youth who had crawled under the car, while the other youths fled. There was a "slight struggle", Bowman reported, but the youth gave up the fight when the policeman arrived.

A knife and a bomb were seized and Metro Police later apprehended two other youths, both members of the Canadian Armed Forces Reserve. At the home of one, police found a large cache of homemade bombs and a homemade gun, along with information on the construction of such devices.

Three youths, 19, 18 and 17 years of age, have been charged, respectively with possession of a bomb; possession of an explosive substance; possession of an explosive substance.

There was no damage beyond the charring of windows, walls and eaves, caused by the shotgun shells.

**TRAVEL CUTS**  
Going Your Way!

## SPECIALS TO LONDON

Fixed Returns from \$439  
Open Returns 615 \*via USA  
One Ways 299 \*via USA

**Remember: TRAVEL CUTS**  
also offers you flights to  
**AMSTERDAM,**  
**FRANKFURT**  
and other European cities  
at unbeatable prices!!

Serving the  
university community

TRAVEL CUTS  
TORONTO  
44 St. George St.  
979-2406

TRAVEL CUTS  
RYERSON  
96 Gerrard St. E.  
977-0441

Travel Company of CFS

## PUBLIC LECTURE

DEPARTMENT OF ENGLISH  
CENTRE FOR  
COMPARATIVE  
LITERATURE

Leslie Fiedler

Samuel Clemens Professor  
State University of New York  
Buffalo

For Whom  
Do Critics Write?

Tuesday, 11 March 1986

Place:  
Room 140  
University College

Time: 4:10 p.m.

Fifth Annual  
Anthes Wilson Abernethy  
Distinguished Lecture

James E. Birren, Ph.D.

Dean, Ethel Percy Andrus Gerontology  
Center, University of Southern California,  
Los Angeles

Renowned gerontologist and psychologist  
Past President, Gerontological Society  
of America  
Brookdale Award winner  
and  
Editor-in-Chief, *The Handbooks of Aging*

Aging and the  
Strategies of Life

Thursday, March 20, 1986  
8:00 p.m.

Aldwyn B. Stokes Auditorium  
Clarke Institute of Psychiatry  
250 College Street  
Toronto

Sponsored by  
Programme in Gerontology  
University of Toronto



# The Governing Council Election

Ballots were mailed on Feb. 19, 20 and 21, to all eligible voters for this year's Governing Council elections of teaching staff, administrative staff and student members. An outline of the constituencies in which there are elections is given below.

Any eligible voter who has received an incorrect ballot, or no ballot, may telephone the Governing Council Secretariat at 978-6576 to obtain the correct ballot.

Completed ballots must be returned to the Governing Council Secretariat, room 106, Simcoe Hall, prior to noon, Tuesday, March 11. The results will be announced March 18, 1986.

Ballots were mailed to eligible voters in the following constituencies:

## 1. Undergraduate Students (a) Full-time Undergraduate Students

*Full-time Undergraduate Student* means all students (except students registered in the Toronto School of Theology) registered at the University in a program of full-time study who are not registered in the School of Graduate Studies. All students in arts and science on all campuses will be considered full-time for electoral purposes if enrolled in four or more full-course equivalents over any two terms in an academic session (including the previous summer session).

*Constituency I* includes all students registered in the Faculty of Arts & Science (including Erindale College) and Scarborough College.

*Constituency II* includes all students registered in the Faculty of Dentistry, Faculty of Nursing, Faculty of Medicine, Faculty of Pharmacy,

School of Physical & Health Education, Faculty of Education, Faculty of Applied Science & Engineering, Faculty of Architecture & Landscape Architecture, Faculty of Forestry, Faculty of Law and Faculty of Music.

## (b) Part-time Undergraduate Student

*Part-time Undergraduate Student* means all students (except students registered in the Toronto School of Theology) registered at the University in a program of part-time study who are not registered in the School of Graduate Studies. All students in arts and science on all campuses will be considered part-time if enrolled in fewer than four full-course equivalents over any two terms in an academic session (including the previous summer session).

## 2. Graduate Students

*Graduate Student* means all students registered in the School of Graduate Studies.

*Constituency I* includes all students registered in Division I (Humanities) and Division II (Social Sciences) of the School of Graduate Studies, with the exception of the Graduate Department of Education.

*Constituency II* includes all students registered in Division III (Physical Sciences) and Division IV (Life Sciences) of the School of Graduate Studies and the Graduate Department of Education.

## 3. Teaching Staff

*Teaching Staff* means the employees of the University, University College, the constituent colleges and the arts and science faculties of the federated uni-

versities who hold the academic rank of professor, associate professor, assistant professor, lecturer, tutor or senior tutor.

*Constituency III* includes all teaching staff members in the Faculty of Medicine.

## 4. Administrative Staff

*Administrative Staff* means the employees of the University, University College, the constituent colleges and the federated universities who are not members of the teaching staff.

*Constituency I* includes all administrative staff members.

Completed ballots must be returned to the Governing Council Secretariat, room 106, Simcoe Hall (on the St. George campus) prior to noon, on Tuesday, March 11. Ballots may be returned in person or by a friend, by campus mail or by Canada Post.

For your vote to be counted, you must provide all of the information requested in the upper left-hand corner

of the return envelope. This is required so that the Chief Returning Officer can ensure that the ballot has been returned by an eligible voter and that each eligible voter has returned only one ballot. Providing this information will not compromise the secrecy of your ballot. After your eligibility has been validated, your ballot will be separated from the return envelope, with its secrecy being protected by the inner envelope. The inner envelope will be opened later, when it is impossible to connect the ballot with the identifying information. All envelopes are opened with the candidates or their scrutineers present to ensure that secrecy is not compromised and that the counting of the votes is proper and correct.

If you have any questions, please do not hesitate to call the Chief Returning Officer, Susan Girard, at 978-6576 or arrange to speak with her in the Governing Council Office, room 106, Simcoe Hall.

## Candidates for the Governing Council elections 1986

### Teaching Staff

*Constituency IA* (1 seat), Professor Frederick T. Flahiff (acclaimed)  
*Constituency IE* (1 seat), Professor F.A. Sherk (acclaimed)  
*Constituency II* (1 seat), Professor S.M. Uzumeri (acclaimed)  
*Constituency III* (2 seats, 1 of which is open) Professor Bernhard Cinader, Dr. John E.F. Hastings, Dr. Neil A. McAlister

### Administrative Staff

*Constituency I* (2 seats, 1 of which is open) Ms. Judith Gilliland, Mr. Randy Russell

### Students

*Full-time Undergraduate*  
*Constituency I* (2 seats), Mr. Peter Baugh, Mr. Brian Burchell, Ms. Helen Christodoulou, Mr. Dave K. Chung, Mr. Jeff Coatsworth, Ms. Catherine L. Drillis, Mr. Maxwell Evans, Ms. Lorie Gower, Mr. Jerry W. Ho, Mr. Avi Hyman, Mr. Ian Johanssen, Ms. Anne-Marie Kinsley, Mr. Atul Kohli, Mr. Tommy Lee, Mr. Ron Miller, Mr. Bill Mohri, Mr. David R. Oliver, Mr. Paul Paton, Mr. David Pitman.

Mr. Salim Rashid, Mr. Garth Sam, Mr. Hanif Sarangi, Mr. Geoff Scott, Mr. Gideon Sheps, Ms. Carol Sugden, Mr. Douglas G. Tisdall, Mr. Arthur Trotman, Mr. Samuel Weber, Mr. Ian Willson

*Constituency II* (2 seats), Mr. Mike Bilaniuk, Ms. Lillian Chu, Mr. Kevin Dancy, Mr. Dave Evans, Ms. Soraya Farha, Mr. Steven Junger, Mr. Paul A. Taylor

### Part-time Undergraduate

*Constituency I* (2 seats), Mr. Ramses Bissada, Ms. Claire Johnson, Mr. Richard Martin, Mr. David Power

### Graduate

*Constituency I* (1 seat), Ms. Fawn Currey, Mr. Bob Kemp, Mr. Andrew Taylor

*Constituency II* (1 seat), Mr. Nick Bilaniuk, Ms. Cathy Laurier

Ms. Katherine Rouleau has withdrawn her nomination for Full-time Undergraduate Constituency I.

Susan Girard  
Chief Returning Officer

FREE SEMINARS  
for those who don't have  
an RRSP.  
Call us for details!

**RRSP**

**Our Flexible RRSP's  
Let Us Bend Over Backwards**

And bending over backwards to serve our members is one of the things we do best at UNICOLL. For example our RRSP's offer:

- **No Fees** — For management or anything else
- **Instant Tax Receipts** — The personal touch! A tax receipt on the spot, available January to March
- **Statements** — Mailed twice a year
- **Variable Rate Plans** — To match current interest rate trends
- **Fixed Rate Plans** — Guaranteed one to five years for fixed terms (compounded annually at the face rate)
- **Total Security** — Invest in as many RRSP's as you wish. Each one is insured up to \$60,000 through the Ontario Share and Deposit Insurance Corporation. Now that's total security!
- **RRSP Loans** — Friendly, same-day, hassle-free loan arrangements. Come in today and talk to us about an RRSP. We'd like to bend over backwards to help you because there's a definite difference at UNICOLL. You can bank on it!



### UNICOLL CREDIT UNION

Universities and Colleges Credit Union  
245 College Street (at Spadina)  
Toronto, M5T 1R5  
978-5505

Member of Ontario Share and  
Deposit Insurance Corporation



*Gallery  
Club*



Whether you prefer the privacy of the Gallery Small Dining Room or the atmosphere of our main Dining Room, the Gallery Club is an ideal setting for dinner meetings and special celebrations.

We can arrange a gourmet menu to suit any occasion.

For details and reservations  
call 978-2445

Dinner reservations  
Monday through Friday  
5:30 to 7:30 p.m.



# Events

## Lectures

**Economics of the Peasant Household: The Case of Highland Peru.**  
Monday, February 24  
Prof. Efrain Gonzalez, Catholic University of Peru.  
312 Thomas Fisher Rare Book Library. 4 p.m.  
(Economics)

**Pillar and Cross.**  
Monday, February 24  
John Irwin, Victoria & Albert Museum, Upper Library, Massey College.  
3 p.m.  
(South Asian Studies and Centre for Religious Studies)

**Inferring Structural Purpose from Perceptual Function: The Inner Ear from the Perspective of a Behaviourist.**

Tuesday, February 25  
Prof. William C. Stebbins, University of Michigan; neuroscience lectures series, Advances in Sensory Physiology. 2172 Medical Sciences Building. 5 p.m.

**The Impact of the Charter of Rights on Labour Relations in Canada.**

Tuesday, February 25  
John C. Murray, Cassels, Brock and Blackwell, and Jeffrey Sack, Sack, Charney, Goldblatt and Mitchell; Larry Sefton memorial lecture. Auditorium, Ontario Institute for Studies in Education, 252 Bloor St. W. 7 p.m.  
(Woodsworth)

**The Liturgical Coordination of the Arts at the Abbey of St. Sever.**  
Tuesday, February 25  
Prof. Otto-Karl Werckmeister, Northwestern University, 2118 Sidney Smith Hall. 7 p.m.  
(Fine Art)

**Archaeology in the Space Age.**  
Wednesday, February 26  
James Wiseman, Archaeological Institute of America, Boston. Lecture room, McLaughlin Planetarium. 4.30 p.m.  
(Archaeological Institute of America, Toronto Society)

**On Peace and Human Rights Issues.**  
Wednesday, February 26  
Prof. Christian Bay, Department of Political Science. 179 University College. 8 p.m.  
(Science for Peace)

**Law and Liberalism.**  
Thursday, February 27  
Prof. Jennifer Nedelsky, Princeton University. Senior Common Room, Sir Daniel Wilson Residence, University College. 4 p.m.  
(Philosophy)

**The Human Side of NATO.**  
Thursday, February 27  
John Walker, Scientific & Environmental Affairs, NATO, Brussels. Board Room, Trinity College. 4 p.m.  
(International Relations Committee, CIS and Atlantic Council of Canada)

**Humanists and Computing.**  
Thursday, February 27  
Prof. David Barnard, Queen's University. Upper Library, Massey College. 4.10 p.m.  
(Computing in the Humanities)

**Adapting to Weightlessness: Eye Movements on Earth and in Space.**  
Thursday, February 27  
Prof. Laurence R. Young, Massachusetts Institute of Technology; Edward Llewellyn Thomas memorial lecture. Auditorium, Medical Sciences Building. 8 p.m.  
(Medicine and Applied Science & Engineering)

**The Polish Economy in Crisis: Obstacles to Recovery.**  
Friday, February 28  
Prof. Zbigniew Falenbuchi, University of California, Berkeley. 11 a.m. to 1 p.m.  
(Russian & East European Studies)

**Painting Socialism: Pretense vs. Reality in Hungary's Lenin Steelworks.**  
Friday, February 28  
Prof. Michael Burawoy, University of California, Berkeley. 229 Borden Building. 12 noon.  
(Sociology)

**Problems in Christology.**  
Friday, February 28  
Prof. Hugo Meynell, University of Calgary. Combination Room, Trinity College. 4 p.m.  
(Department of Religious Studies)

**What Is Our Prison System Doing to Help People?**  
Sunday, March 2  
Warden Mary M. Dawson, Kingston Penitentiary. Don's Brunch-and-Speaker series. I.M. Spigel Hall, South Building, Erindale College. 11 a.m.  
Tickets \$6, students \$5, must be picked up by Thursday preceding session.  
Information: Housing office, 828-5286 or 828-5279.

**Royal Canadian Institute. From TB to T-Cells: A Historical Perspective on Immunology in Ontario.**  
Sunday, March 2  
Prof. Robert H. Painter, Department of Biochemistry.

**Eating Disorders and the Idealization of Thinness.**  
Sunday, March 3  
Prof. Janet Polivy, Department of Psychiatry. Auditorium, Medical Sciences Building. 3 p.m.

**A.R. Gordon Distinguished Lecture Series.**

**Stereochemical Effects in Metal Complexes. A Factor Governing Coordination of Small Molecules.**  
Monday, March 3

**Coordinatively Unsaturated Rh(I) Complexes. The Utility toward Activation of Water, CO, and CO<sub>2</sub> Molecules.**  
Tuesday, March 4

**Enantioselective Catalytic Hydrogen Migration. A Method Introducing a Chirality Centre in Aliphatic Chains.**  
Thursday, March 6  
Prof. Sei Otsuka, Osaka University. 159 Lash Miller Chemical Laboratories. 4.10 p.m.  
(Chemistry)

**Smart Machines or Satisfying Ones: The Promise of Artificial Intelligence.**  
Monday, March 3  
Lewis M. Branscomb, IBM; 1986 Keys memorial lecture. George Ignatieff Theatre, Trinity College, Devonshire Place. 4 p.m.  
(Trinity and Toronto Chapter, Sigma Xi)

**Feminism and the Malepractice of Sociology.**  
Monday, March 3  
Prof. Dorothy Smith, Ontario Institute for Studies in Education; Popular Feminism lecture and discussion series. 2-211 Ontario Institute for Studies in Education, 252 Bloor St. W. 8 p.m.  
(Centre for Women's Studies in Education)

**Microsurgery and Pituitary Adenomas: A Retrospective Review.**  
Tuesday, March 4  
Prof. Charles B. Wilson, University of California, San Francisco; 1986 Wm. S. Keith visiting professor of neurosurgery; Royal College speaker. Auditorium, Toronto Western Hospital. 5 p.m.

**Intracranial Vascular Malformations.**  
Wednesday, March 5  
Prof. Charles B. Wilson, University of California, San Francisco; 1986 Wm. S. Keith visiting professor of neurosurgery; lecture in conjunction with symposium on cerebrovascular disorders. Auditorium, Toronto Western Hospital. 8 a.m.

**Microscopic Anterior Cervical Discectomy without Grafting.**  
Wednesday, March 5  
Prof. Charles B. Wilson, University of California, San Francisco; 1986 Wm. S. Keith visiting professor of neurosurgery; lecture in conjunction with symposium on spinal disorders. Auditorium, Toronto Western Hospital. 3.30 p.m.

**Developmental Psychology and Behaviour Theory: Reconciling Influences.**  
Wednesday, March 5  
Prof. Abram Ansel, University of Texas, Austin; Daniel E. Berlyne lecture. George Ignatieff Theatre, Trinity College, Devonshire Place. 4 p.m.  
(Psychology)

**Where Will SDI (the Star Wars System) Be in 1997?**  
Wednesday, March 5  
Prof. Witze Brouwer, University of Alberta. 179 University College. 8 p.m.  
(Science for Peace, Physicians for Social Responsibility and Lawyers for Social Responsibility)

## Seminars

**Social Security Policy: A Redefinition of the Role of the State?**

**Income Security and the Macdonald Commission.**  
Monday, February 24  
Profs. David Beattie, Faculty of Law; Al Johnson, Department of Political Science; Jim Rice, McMaster University.

**Paying for Health Care in Canada: Present Trends and Future Scenarios.**  
Monday, March 3  
Prof. Greg Stoddart, McMaster University, and Lynn Etheredge, Urban Institute, Washington, DC. Public policy workshops. 3050 Sidney Smith Hall. 4 to 6 p.m.  
(Political Science)

**Physiological Profiles of Elite Hockey Players.**  
Monday, February 25  
Michael Cox, Department of Athletics & Recreation. 330 Benson Building. 4 p.m.  
(P&HE)

**Toxic Effects of Weak Electromagnetic Radiation.**  
Tuesday, February 25  
Prof. Cyril Smith, Salford University, Manchester, and Dr. Jean Munro, London Neurological Centre & Environmental Cardiac Unit, Eng. Room 111, 1 Spadina Cresc. 11 a.m.  
(Ophthalmology and MRC Group in Periodontal Physiology)

**Art History 1986.**  
Tuesday, February 25  
Prof. Otto-Karl Werckmeister, Northwestern University, Walden Room, UC Union, 79 St. George St. 3 p.m.  
(Fine Art)

**Legal Theory Workshop Series.**

**The Judicial Self Creation of Authority.**  
Wednesday, February 26  
Prof. James Boyd White, University of Michigan Law School, Solariu, Faleoner Hall. 12.10 to 1.45 p.m.

Copy of paper in advance \$3 (includes lunch) from Verna Percival, Faculty of Law, 978-6767.

**Photosynthetic Thermal Acclimation of Mesophyll and Guard Cell Chloroplast Function by the Arctic Plant *Saxifraga cernua*.**  
Wednesday, February 26  
Bruce Mawson, Department of Botany, Erindale College. Room 7, Botany Building. 3.30 p.m.

**Container and the Contained: Some Models in Indian Schemes of Classification.**  
Thursday, March 6  
Prof. R.S. Khare, University of Virginia. Upper Library, Massey College. 3 p.m.  
(South Asian Studies)

**Joseph & Gertie Schwartz Memorial Lectures.**  
Chief Rabbi Sir Immanuel Jakobovits, United Hebrew Congregations of the British Commonwealth.

**The Rise of Jewish Fundamentalism: A Theological Perspective.**  
Sunday, March 9  
Auditorium, Medical Sciences Building. 8 p.m.

**Species Interactions in the Dynamics of the Lake Michigan Fish Assemblage.**  
Thursday, February 27  
Prof. Larry Crowder, North Carolina State University. 2082 South Building, Erindale College. 5.10 p.m.  
(Biology, Erindale)

**W.C. Clark and the Conservative Roots of Canadian Housing Policy, 1935-1952.**  
Friday, February 28  
Prof. John Bacher, McMaster University; Urban & Community Studies brown bag series. Room 204, 455 Spadina Ave. 12.15 p.m.

**Reading Manuscripts from Petrarch to Milton (1350-1650).**

**Paleography in England: 1250-1500, II.**  
Friday, February 28  
Abigail Young, Records of Early English Drama.

**Paleography in England: 1500-1700, I.**  
Friday, March 7  
Anne Quick, Records of Early English Drama. Seventh and eighth in series of 10 workshops in manuscript research and paleography. 316 Pratt Library, Victoria College. 2 to 4 p.m.  
(Reformation & Renaissance Studies and REED)

**Corrective Justice in Aristotle.**  
Friday, February 28  
Prof. Ernest Weinrib, Faculty of Law. 148 University College. 3.10 p.m.  
(Classics)

**Changing Patterns of Canadian Protestant Piety: From Revivalism to the Social Gospel.**  
Friday, February 28  
Prof. Phyllis Airhart, Emmanuel College; TST advanced degree seminar. Boardroom, Toronto School of Theology. 3.10 p.m.

**Biotechnology and the Commercial Mushroom.**  
Friday, February 28  
Prof. Paul Horgen, Department of Botany, Erindale College. Room 7, Botany Building. 3.30 p.m.

**The Psychology of Cree and Ojibway Syllable.**  
Monday, March 3  
Profs. John Berry and Ann Bennett, Queen's University; Problems in Literacy seminar series. Coach House, 39A Queen's Park Cresc. E. 7.30 p.m.  
(McLuhan Program)

**Media and Politics.**  
Wednesday, March 5  
Prof. Abraham Rotstein, Department of Political

**The Relationship between Diaspora Jews and Israel: Do What Terms?**  
Monday, March 10  
George Ignatieff Theatre, Trinity College, Devonshire Place. 8 p.m.

**Cabinet Government in Ontario.**  
Monday, March 10  
Edward E. Stewart, formerly Office of the Premier; public policy workshop special lecture. 3050 Sidney Smith Hall. 4 to 6 p.m.  
(Political Science)

**Science; What's News**  
seminar series. Coach House, 39A Queen's Park Cresc. E. 7.30 p.m.  
(McLuhan Program)

**The Hypothalamus-Renal Relationship in Small Desert Mammals.**

**How Do Mongooses Manage Marginal Resources?**  
Thursday, March 6  
Prof. Roy Horst, State University of New York, Potsdam. 2082 South Building, Erindale College. 5.10 p.m.  
(Biology, Erindale)

**Womb as a Multiple Classifier to Milton (1350-1650).**  
Friday, March 7  
Prof. R.S. Khare, University of Virginia. 2090A Sidney Smith Hall. 3 p.m.  
(South Asian Studies)

**True and False Prophecy in Exile and Early Post-Exilic Period.**  
Friday, March 7  
Prof. Gerald Sheppard, Emmanuel College; TST advanced degree seminar. Boardroom, Toronto School of Theology. 3.10 p.m.

**The Biology of Mistletoe.**  
Friday, March 7  
Prof. James Ehleringer, University of Utah. Room 7, Botany Building. 3.30 p.m.

**Theory of Momentariness and Its Implications.**  
Monday, March 10  
Prof. R.C. Pandeya, University of Delhi, Shastri visiting lecturer. Upper Library, Massey College. 2 p.m.  
(South Asian Studies)

**Jewish Medical Ethics and the Generation of Life: Abortion and In-Vitro Fertilization.**  
Monday, March 10  
Chief Rabbi Sir Immanuel Jakobovits, United Hebrew Congregations of the British Commonwealth; Joseph and Gertie Schwartz memorial lecturer. 179 University College. 3 p.m.

**The Sound of Dne Foot Running.**  
Monday, March 10  
Prof. R. Stone, School of Physical & Health Education. 330 Benson Building. 4 p.m.  
(P&HE)

**Insulin Secretion in Type II Diabetes.**  
Monday, March 10  
Dr. Michael Pfeiffer, VA Medical Center, Louisville. Basement level, McMaster Building, Hospital for Sick Children, 180 Elizabeth St. 5 p.m.  
(Banting & Best Diabetes Centre)

## Poetry Reading at New College West Indian Poets

Lorna Goodison, Grace Nichols  
Lillian Allen and Dionne Brand  
with

Mary di Michele, writer-in-residence

Thursday, February 27th, 7.30 p.m.  
Wetmore Hall — Huron and Classic Avenue

Admission free



# Events

## Colloquia

**Dynamics of Star-Forming Regions.**  
Wednesday, February 26  
Prof. Robert Mathieu,  
Harvard-Smithsonian Center  
for Astrophysics, 137  
McLennan Physical  
Laboratories, 3.10 p.m.  
(Astronomy)

**Some Processes of Self-Conceptualization as Revealed by the Types of Verbs Used in Free Self-Descriptions.**  
Wednesday, February 26  
Prof. William McGuire, Yale  
University, 2135 Sidney  
Smith Hall, 4.15 p.m.  
(Psychology)

**General Relativity, the Fifth Force and Early Universe Cosmology.**  
Monday, March 3  
Prof. J.W. Moffat, Department  
of Physics, 202  
McLennan Physical  
Laboratories, 3 p.m.  
(Physics)

## Exhibitions

**Robarts Library.**  
To February 27  
Preserving the Future,  
prepared by collection  
preservation committee to  
illustrate how and why books  
deteriorate and methods  
used to halt the process.  
March 3 to 31  
Palestine in 1927, photo  
essay of urban, village and  
desert life by Luciano  
Morpurgo; presented by  
Jewish Students' Union and  
B'nai Brith Hillel Foundation  
at U of T  
Main display area.  
To March 16  
Kidney Foundation.  
Sponsored by Services to  
Disabled Persons. South  
lobby display case.

**Faculty of Architecture & Landscape Architecture**  
To February 27  
Hough, Stansbury +  
Associates, landscape archi-  
tects. Galleries, 230 Col-  
lege St.  
Gallery hours: Monday-  
Friday, 9 a.m. to 5 p.m.

## Meetings & Conferences

**Llewellyn Thomas Day.**  
Thursday, February 27  
Research day in memory of  
Dr. Edward Llewellyn  
Thomas. Papers: Why  
measure eye movements?;  
Modelling the Oculomotor  
System; Fiberoptic Helmet-  
Mounted Display; En-  
vironmental Protection  
Systems; Flight Simulators;  
Improving the Breed; and  
Biological Effects of Space  
Flight. Debates Room, Hart  
House, 9 a.m. to 12 noon.  
Information and registration:  
978-4801.  
(Biomedical Engineering,  
Aerospace, Defence & Civil  
Institute of Environmental  
Medicine and CAE Elec-  
tronics Ltd.)

**War and Society in the Middle Ages.**  
Friday, February 28  
Images of Warfare and the  
Soldier in Late-Medieval  
English Drama; Wars of the  
Lord: Jewish Attitudes to  
War in Medieval Europe;  
"War is Hell" and other Pro-  
verbs; Peace and War in  
Dufay's "Ecclesie militan-  
tis"; 9.15 a.m. to 12.30 p.m.  
From the Glorification to the  
Horrorification of War: Chang-  
ing Attitudes towards War in  
Ninth-Century Europe;  
Violence and Norman Soci-  
ety; The Aggressive Peace:  
A View from the Castle. 2 to  
5 p.m.

**Saturday, March 1**  
Early Celtic Weaponry: Real  
and Imaginary; The Byzan-  
tine Offensive: Infantry and  
Cavalry Tactics in the Later  
10th Century; Byzantine  
Attitudes to Killing in War;  
Jihad (Counter-Crusade): A  
12th Century Islamic Inter-  
pretation. 9.30 a.m. to  
12.30 p.m.  
The Other Victims: Some  
Widows of the Wars of the  
Roses; One population en  
armes - Manosque au XIVe  
siècle; "Clava Herculis":  
Conquest as Title of  
Legitimacy in the 12th and  
Early 13th Centuries; The  
Papacy and the Idea of War.  
7.55-12.16. 2 to 5 p.m.  
All sessions in Senate  
Chamber, Alumni Hall, St.  
Michael's College, 121 St.  
Joseph St.  
Registration from 8.30 a.m.  
Friday, 8.45 a.m. Saturday.  
Fee \$15 sessions only.  
Information and registra-  
tion: 978-2380.  
(Medieval Studies, SGS and  
SSHRC)

**Perspectives of Chemistry in Our Universe: The Synthesis of Chemistry.**  
Friday, March 7  
Four lectures of general  
interest: General cosmology,  
stellar evolution and nuclear  
synthesis; interstellar  
molecular clouds, molecular  
formation; the solar nebula,  
elemental fractionation, the  
planets, moon and meteor-  
ites; and terrestrial frac-  
tionation, evolution of the  
earth's core, mantle and  
crust, 2080 South Building,  
Erindale College. 2 p.m.

**Painting Is Welcome.**  
To February 28  
Shakespeare Illustrated,  
1700-1900. E.J. Pratt  
Library, Victoria College.

**Justina M. Barnicke**  
Gallery, Hart House.  
To March 6  
Malcove Collection, Part II.  
Gallery hours: Tuesday-  
Saturday, 11 a.m. to 6 p.m.

**Scarborough College.**  
To March 14  
Alex de Cosson, sculpture.  
Gallery hours: Monday-  
Thursday, 9 a.m. to 7 p.m.;  
Friday 9 a.m. to 5 p.m.;  
Sunday 2 to 5 p.m.

**Thomas Fisher Rare Book**  
Library.  
To March 31  
Journey from the East, the  
life and times of Mark Gayn.

**Erindale College.**  
To April 6  
Judith Sandiford, paintings.  
Gallery hours: Monday-  
Friday 11 a.m. to 7 p.m.;  
Saturday-Sunday 12 noon to  
5 p.m.



Journey from the East, the life and times of Mark Gayn, is on display at the Thomas Fisher Rare Book Library to the end of March.

## Films

Cities of Italy.

Verona.  
Wednesday, February 26

**Bologna.**  
Wednesday, March 5  
First two in series of six  
video presentations. Room 6,  
Northrop Frye Hall, Victoria  
College. 12.15 p.m.

**Being Muslim in India.**  
Wednesday, February 26  
Room 153, Level A, Audio-  
visual Library, Sigmund  
Samuel Library. 12 noon.  
(South Asian Studies)

**The Golden Age of**

**American Cinema.**

**The Lady Vanishes.**

Thursday, February 27

**Rain.**  
Thursday, March 6  
Room 153, Level A, Audio-  
visual Library, Sigmund  
Samuel Library. 12 noon.  
(South Asian Studies)

**Bangladesh Nationhood: Symbols and Shadows.**  
Wednesday, March 5  
Room 153, Level A, Audio-  
visual Library, Sigmund  
Samuel Library. 12 noon.  
(South Asian Studies)

## Plays & Readings

**Methusalem, or the Eternal**  
**Bourgeois.**  
February 25 to March 1  
By Ivan Goll. UC Playhouse,  
79A St. George St. 8 p.m.  
Tickets \$3.  
Reservations: 978-6307.  
(UC Literary & Athletic  
Society and Coethe  
Institute)

**Othello.**  
February 26 to March 1 and  
March 5 to 8  
By William Shakespeare;  
Graduate Centre for the  
Study of Drama 1985-86  
Hart House Theatre Season.  
Performances 8 p.m.  
Tickets \$8, students and  
senior citizens \$4.  
Reservations: Monday to Fri-  
day 11 a.m. to 5 p.m., perfor-  
mance Saturdays only, 1 to  
5 p.m.; lobby box office open  
5 p.m. to curtain time. Box  
office: 978-8668.

**West Indian Poets.**  
Thursday, February 27  
Lorna Goodison, Jamaica,  
Grace Nichols, London,  
Eng., Dionne Brand and  
Lillian Allen, Toronto, with  
Mary di Michele, writer-in-  
residence. Wetmore Hall,  
New College, 21 Classic  
Avenue. 7.30 p.m.

## Governing Council & Committees

**Admissions, Curriculum & Standards Subcommittee.**  
Wednesday, February 26  
Council Chamber, Simcoe  
Hall. 4 p.m.

**Committee on Campus & Community Affairs.**  
Tuesday, March 4  
Council Chamber, Simcoe  
Hall. 4 p.m.

**Admissions, Curriculum & Standards Subcommittee.**  
Wednesday, March 5  
Council Chamber, Simcoe  
Hall. 4 p.m.

**The Nun Who Left Her**  
**Abbey.**  
February 27 to March 2  
PLS production of 14th cen-  
tury French miracle play.  
West Hall, University  
College. Thursday to  
Saturday at 8 p.m., Sunday  
at 2 p.m.  
Tickets \$7, students and  
senior citizens \$5 evenings,  
matinee pay-what-you-can.  
Reservations: Hart House  
Theatre box office, 978-8668.

## Music

**ROYAL CONSERVATORY OF**  
**MUSIC**  
**Noon Hour Series.**  
Wednesday, February 26  
Angelo Calcafero, violin.

Wednesday, March 5  
Bonnie Silver, piano.  
Concert Hall. 12.15 p.m.

David Hetherington, Cello,  
Sharon Krause, Piano.  
Thursday, February 27  
Twilight series. Concert  
Hall. 5.15 p.m.  
Tickets \$2, students and  
senior citizens \$1.

**Royal Conservatory**  
**Orchestra.**  
Friday, February 28  
Boris Brott, conductor.

Friday, March 7  
Simon Streatfield,  
conductor.  
Church of the Redeemer,  
Bloor and Avenue Rd. 8 p.m.  
Tickets \$9.50 and \$6.50;  
students, senior citizens and  
handicapped \$7 and \$4.50.  
RCM box office, 978-5470.

Barbara Harkins, Clarinet,  
Alan Stellings, Cello,  
Stephen Sartory, Piano.  
Sunday, March 9  
Walker Court, Art Gallery of  
Ontario. 3 p.m.  
Free with admission to  
gallery.

Information on all Conser-  
vatory concerts available  
from publicity office,  
978-5771.

**Salad Days.**  
February 27 to March 2 and  
March 6 to 8  
New Vic Theatre Company  
production. St. Michael's  
College Theatre, Alumni  
Hall, 121 St. Joseph St.,  
Thursday to Saturday at  
8 p.m., Sunday at 2 p.m.  
Tickets Thursday and Sun-  
day \$6, Friday and Saturday  
\$7.  
Reservations: St. Michael's  
Theatre box office, 926-7135.

**EDWARD JOHNSON**  
**BUILDING**  
**FACULTY OF MUSIC**

**Gheorghe Zamfir,**  
**Pan Flute.**  
Monday, February 24  
Public masterclass, with  
Orford Quartet, Geiger-Torel  
Room. 7 p.m.

**Music by Student**  
**Composers.**  
Thursday, February 27  
Thursday noon series.  
Walter Hall. 12.10 p.m.

**U of T Guitar Ensemble.**  
Thursday, March 6  
Eli Kassner, director. Walter  
Hall. 8 p.m.  
Tickets \$3.

Gianni Schicchi.  
By Puccini.  
Les Mamelles de Tiresias.  
By Poulenc.

Friday, March 7 and 14  
Saturday, March 8 and 15  
Opera division productions.  
McMillan Theatre. 8 p.m.  
Tickets \$12, students and  
senior citizens \$7.

Information on all events in  
the Edward Johnson  
Building available from the  
box office, 978-3744.

**SCARBOROUGH**  
**COLLEGE.**

**Composers' Brass Quintet.**  
Sunday, March 9  
Sunday Serenade series.  
Meeting Place. 3 p.m.  
Information: 284-3243.

## UTFA PRESENTS

## Excellence and Quality in Canadian Universities: Has It Declined?

A discussion between: Robert Bothwell  
Professor of History,  
University of Toronto  
Co-author of *The Great Brain Robbery*

and Arthur Kruger  
Principal,  
Woodsworth College  
Former Dean, Arts & Science

Date: February 26th, 1986  
Time: 4:00 p.m.  
Place: Hart House  
North Dining Room



# Concerns raised over Father Kelly's departure

by George Cook

The departure from St. Michael's College Jan. 31 of former president Rev. John Kelly has raised questions and concerns in and outside the college during the past few weeks.

Neither Father Kelly nor the head of his order, Rev. Ulysse Pare, superior general of the Basilian Fathers, could be reached for comment. Father Kelly, however, released

a brief statement Feb. 13 through Elsie Gladwell, his former secretary, in which he said Father Pare made the decision to relocate him and he accepts the superior general's decision.

Any change in the posting will be made by the superior general, the statement said.

Father Kelly has been assigned to the Henry Carr Farm, a Basilian house in Bond Head, about 80 kilometres

northwest of Toronto. He is at present visiting relatives in Pennsylvania and will not comment further on calls for his return to the college and for an inquiry into the decision to post him to Bond Head.

St. Michael's president Rev. James McConica said Father Pare offered Father Kelly a choice of residences, including the Basilian infirmary on the college campus and a Basilian house in Phoenix, Arizona. Father McConica said he thought Father Kelly chose the farm in Bond Head because he and its superior are friends.

Father McConica said that despite poor and rapidly deteriorating health Father Kelly continued to feel an intense obligation to participate vigorously in college affairs.

"Everyone is concerned about him and terribly sorry to see him leave. But as long as he remained here he would have driven himself mercilessly. He would have continued his exhausting activity," Father McConica said.

It would have been "heartless" to allow Father Kelly to "drop in his tracks," he said.

Father Kelly suffers from emphysema in his one remaining lung and has in the past undergone surgery for ulcers.

Father McConica said Father Kelly has a standing offer of an office at the college and would be welcomed back wholeheartedly should the superior general reverse his earlier decision.

Father Pare's decision to reassign Father Kelly was made Dec. 5, Father McConica said. News of the departure appeared in the campus press Jan. 31. On Feb. 10 *The Globe & Mail* published a story headlined "College stunned at new posting for 60-year veteran."

Father McConica said he had intended to announce the decision this month in St. Michael's alumni newsletter and in the college bulletin. He said suspicions of college involvement were "ill-informed" and the decision to publicize them "regrettable".

Led by director of Celtic studies Professor Robert O'Driscoll, some faculty members, alumni and students have questioned the college's role in the departure. O'Driscoll said he thinks Father Kelly followed Father Pare's orders against his inclinations.

"Father Pare would not have reached into the college without a request," O'Driscoll said. He has circulated a petition calling on Father McConica to hold an inquiry and to offer Father Kelly an office and bedroom at the college.

Father Kelly's departure has also provoked concerns regarding St. Michael's fund raising.

Brian O'Riordan, vice-president of the college's alumni board, said some regular donors, angered by events, have indicated they will not give to the college this year. Though he called this a "gut response" that may not persist, he believes Father Kelly's absence will make fund raising more difficult. The former president had developed close relationships with many donors in his long career at St. Michael's. His powers of persuasion will be missed, O'Riordan said.

Father Kelly retired as St. Michael's president in 1978, after 20 years in office. He continued at the college as alumni director until July 1985, when he became honorary director of the alumni association and representative to the Varsity Fund.



Varsity Arena renovated

Mrs. Hamilton Cassels drops a ceremonial puck to officially re-open Varsity Arena Feb. 19. Mrs. Cassels' late husband was chairman of The Varsity Arena Fund Advisory Committee, which raised more than \$250,000 for renovations to the 60-year-old facility. Thora McIlroy Mills (left) was the goaltender and captain of the 1925 Ontario championship Varsity team and Jock Maynard, a former Varsity hockey player and past president of the Men's T-Holders' Association, served on the fundraising committee. A \$1.45 million Lottario grant helped pay for the renovations, which included a new roof and heating system, wheel-chair access, the Blue & White Lounge on the second floor and other improvements. Also in attendance at the ceremonies were President George Connell, Ontario Minister of Tourism & Recreation John Eakins and the University's director of athletics, G.W. Chapman.

## Committee Highlights

*The Committee on Campus & Community Affairs — Jan. 14, 1986*

- approved that the proposed policy statement, *General Principles for Divisional Discipline Powers*, be referred back with the request that the administration, by the March meeting of the committee, develop a central appeal mechanism to provide students the opportunity to appeal divisional decisions on grounds of violations of the policy

- the assistant vice-president (student affairs) reported that a person from outside the University had been charged with aggravated assault in connection with the stabbing of two students outside Hart House

- the vice-president (institutional relations) reported that the feasibility study in preparation for the upcoming major fundraising campaign would be completed within two months. He also said he had met with the assistant vice-president (planning) and registrar to develop an approach to the issue of recording of students' next-of-kin information; a broad use to which the information could be put would be in the development of a "parents' program" to assist in such things as expanding communications and helping with student recruitment

- the assistant vice-president (student affairs) reported that the occupants of the Koffler centre were pleased with their new accommoda-

tions, and, with the exception of the Health Service, the student service units had experienced a significant increase in student traffic. He said he would be bringing user fee proposals to the committee

*The Business Affairs Committee — Jan. 22, 1986*

- recommended that the Employment Equity Policy, replacing the 1976 Equal Opportunity Policy, be approved for application to the administrative staff (*Bulletin* Feb. 3)

- received the enrolment report for 1985-86 which showed a shortfall from the numbers planned for the year. The vice-president (business affairs) reported that because of the shortfall, the University's income from formula grants and fees was \$1.6 million less than planned. Savings had been achieved amounting to about \$1 million. The result for 1985-86 was a projected increase in the deficit amounting to \$600,000. Because the budgeted deficit for 1985-86 had been \$1 million, the actual deficit on the year's operations would be \$1.6 million. The cumulative deficit as at April 30, 1986 was therefore projected to be \$3.1 million. He said he would bring updated forecasts to the committee
- approved early retirements for: four members of the academic staff at a cost of \$484,249 and two members of the administrative staff at a cost of \$25,039

*The Committee on Campus & Community Affairs — Feb. 4, 1986*

- the vice-president (institutional relations) reported a 20 percent increase in funds for the Varsity Fund for 1985 and an increase in donations from 19,000 to 24,000. He would bring a full report to the next meeting
- the assistant vice-president (student affairs) reported that someone had broken into the Koffler Student Services Centre after hours and caused damage to several offices. The U of T police had been alerted when the suspect tripped an alarm in the Bookroom. He noted that security in the building was a concern, especially when there were so many separate sections and exits. He had been in touch with the director of physical plant about the issue

- approved a revised policy on public and community relations that took into account the broader functions and focus of the office that had developed over the past few years. The vice-president (institutional relations) noted that a policy statement on the new publication, *Columns*, would also be developed

- a member congratulated the chairman of the committee and the law school for their part in arranging the debate with the South African ambassador, thus upholding the policy on free speech

AT THE NEW JOEY AND TOBY TANENBAUM  
OPERA CENTRE Corner of Berkeley and Front St. East

## The Beggar's Opera

BY JOHN GAY IN ENGLISH

FEBRUARY 26, 28,  
MARCH 1, 2, 6, 7, 8,  
9, 14, 15

GENERAL ADMISSION \$25.00  
STUDENTS / SENIORS \$10.00

This rollicking musical tale of love and knavery from 18th century London bursts to life as never before! Racy street songs, stinging satire, and some of the most melting love ballads ever penned!

Peter Blanchet as The Beggar;  
Gaétan Laperrière as Captain MacHeath;  
Susan Tsagkaris as Polly Peachum;  
Odette Beaugré as Lucy Lockit;  
Linda Bennett as Jenny Diver.

Music Director, Stephen Lord;  
Stage Director, William Farlow;  
Set Designer, John Roslevich;  
Costume Designer, John Carver  
Sullivan; Lighting Designer,  
Robert Bosworth.

Originally produced  
for the Opera Theatre  
of Saint Louis by  
Colin Graham.



CANADIAN  
OPERA COMPANY  
ENSEMBLE

For tickets call (416)  
**363-2348**

LEINHOFF  
INTERNATIONAL  
INC.



# Letters

## The right of free expression must be weighed against the rights of others

A few comments in Babb's wake:

1. Those who jumped on the "free speech" wagon managed to fill an astonishing number of columns with platitudes (like "our cherished right of free speech") but little substance.

Of course there is a fundamental right of free speech. But this right is trivialized by acting as if it is so absolute that it always prevails over all other rights. Those who really think about such questions immediately realize that the right of free expression, like all rights, must be weighed against the rights of others. Thus "one cannot shout 'fire' in a crowded theatre", it is an offence to conspire to kill an innocent person, and so on.

Given that the right of free speech must sometimes be restricted, there remains the question of whether denying official representatives of the South African regime a U of T podium is a reasonable limitation of this right.

The UN Convention on the Suppression and Punishment of Apartheid is very clear: the South African regime is guilty of "crimes against humanity" and anyone working for, aiding or encouraging this regime is violating international law and should be punished. According to the convention, Babb's speaking on campus was an international criminal act. Should the University of Toronto have been complicit in such an activity?

Inviting Babb to U of T makes it appear that we regard apartheid as



"debatable" rather than as "criminal"; this gives South African racists the feeling that they have Canadian support for continuing their oppression of black people.

Also, the invitation to Babb was a racial assault against black members of the University community and black residents of Toronto. In my view, the right of people to be free of racial harassment should take precedence over any "right" that a representative of a criminal regime may have to speak on our campus.

2. At the time that mounted police suddenly rode into the crowd, the three to four hundred demonstrators were at the spot to which police barricades had directed them, chanting vigorously but peacefully.

There were some very large and

militant demonstrations at U of T in the 60s and 70s, including two where hundreds of students broke into Simcoe Hall. But there were never mounted police on our campus until Jan. 31, 1986. I guess we had to wait until the University had a president who really believes in "free speech" before mounted police would be allowed to ride into demonstrating students and faculty.

Have any of those who were so concerned about Babb's "rights" expressed concern about the rights of peaceful protestors on campus?

3. It saddens me that some people are insensitive to the rights of members of our community to be free of racial harassment. This university

has a very poor record on civil rights. An attempt to rectify this situation is being made: this month, Cathy Laurier proposed a motion to the Governing Council that the University establish a policy against racism on campus. I hope this motion gets the broad support it deserves.

4. Free speech is alive and well at U of T, thanks largely to the *Bulletin* and *The Varsity*, both of which did an excellent job of reporting all sides of this controversy. The editors and reporters of the campus media are to be congratulated.

Peter Rosenthal  
Department of Mathematics

## Other views on divestment must not be disregarded

I would like to attempt to clarify points raised by two readers in response to my letter published in the *Bulletin* Jan. 20. The letter contained the results of a poll of the Department of Medicine which was carried out to ascertain views on South African divestment. The response in the department, though limited, showed an even split between those for and against divestment. Of special interest were the individual comments which I attempted to summarize. I am criticized by Professor Robertson for including items under the major anti-divestment category which were "so dissimilar as to render the category meaningless" (*Bulletin*, Feb. 3). The category was: "It (divestment) would hurt the weakest and result in bloodshed, malnutrition and totalitarian government." The 17 comments lodged in this category can be broken down as follows:

Comments	Approx. # of Respondents
1) Hurt the weakest/ poor/ blacks	11
2) Result in massive bloodshed/revolution	3
3) Malnutrition	1
4) Totalitarian/repressive government	2

Two respondents saw the sequence of hardship leading to revolution and on to totalitarian government. The rationale for placing these results in one category was that they were seen as ways in which the weakest may be hurt. This sequence of events must represent a very real concern to all of us in the light of recent history.

Professor Robertson also asked whether anyone believes that foreign investment has a function in "helping the weak, keeping the peace and feeding the hungry and upholding political freedom".

We in Canada may not wish to acknowledge the importance of foreign investment abroad but certainly we would welcome a Toyota car plant in Ontario; in Montreal changes in corporate ownership which close an oil refinery appear to have major political implications. Foreign investment seems to relate to either the creation or the loss of jobs and income. Loss of income may lead to hardship. The hardship may be greatest for those who have the least. Historically

the justified dissatisfaction of the unemployed has sparked social unrest and escalating violence. If this is a cause of violence in South Africa, the creation of employment opportunities should be our goal, not divestment. The case for divestment is not clear. We need to know more.

Professor Joe Connolly states that the survey represented a very small, apparently *ad hoc*, sampling of the Department of Medicine (*Bulletin*, Feb. 3). It was not *ad hoc* as I pointed out: "... it represents all those whose views were strong enough that they chose to respond". All members in the Department of Medicine directory were polled.

He concludes, in contradistinction to the even split in this poll, that the virtually unanimous vote of the University of Toronto Faculty Association to divest represents the view of faculty from across the University. The traditional role of UTFA is to act on behalf of faculty as negotiators on salary, tenure, pensions and related University matters. This is the brief for which up to now UTFA council members have been elected. The council was not elected to act as the faculty conscience. It must not attempt to do this. I am not denigrating the legitimate role of UTFA or the manner in which it is run, since, through personal experience I have great admiration for the even-handed way the president of UTFA treats those with whose views he disagrees.

Therefore, on matters of conscience or politics, even a unanimous vote by UTFA council must not be equated with a single opinion held by all staff. If it is we will cease to recognize the great diversity of ideas, which is one of the chief values of a university. This does not cast doubt on the sincerity of those who see divestment as the only solution, but they too must be prepared to consider alternative views. The survey produced some useful, positive ideas on such issues as selective investment and cultural exchange. These must be followed up as alternative approaches, not disregarded.

David J.A. Jenkins  
Departments of Nutritional Sciences and Medicine



## ST. MICHAEL'S COLLEGE

in the  
University of Toronto

invites applications for the position of

## PRINCIPAL

St. Michael's College is the arts and science college of the University of St. Michael's College, one of the federated universities constituting the University of Toronto. The Principal is the chief academic officer of the college and chairperson of the college council, reporting to the President of the University of St. Michael's College and to the Collegium. A tenured teaching appointment in the University of Toronto is required for this position. The appointment will be for five years, commencing 1 July 1986.

This advertisement is directed to Canadian citizens and to landed immigrants.

Interested applicants are invited to write by 15 March to:

The Chairman,  
Search Committee,  
Office of the President,  
University of St. Michael's College,  
81 St. Mary's Street,  
Toronto M5S 1J4



# Letters

## A moral dilemma

Now that the battle over untrammelled freedom of speech on the campus has been won, though the struggle over the clash between civil rights and the right to human dignity continues, may I respectfully make the following modest proposal:

That Hart House debate, swiftly, these two resolutions:

- (a) That child buggery is therapeutic, and
- (b) That Auschwitz and Belsen were elegant Malthusian solutions to the population problems of Europe.

May I recommend, also, that for the first the distinguished guest be an acknowledged pederast; and for the second, the proposers be two of our most articulate and distinguished Jewish graduates.

Furthermore, since a great number of people may want to attend the second, it be held in the elegant atrium of the Koffler Student Services Centre.

I should hope that if Hart House decides not to debate the second proposition, it will be because of an overcrowded calendar and not of the significance of the number of our Jewish students and Jewish professors, or the prominence of our Jewish benefactors!

Surely as a community of scholars we are confronted by a moral dilemma.

George W. Bancroft  
Department of History, Philosophy & Sociology of Education

## We will improve funding by demonstrating our worth

In his Feb. 3 letter to the *Bulletin*, Fred Wilson blames Simcoe Hall for failing to reverse the underfunding problem. He also states that governments are able to cut funding to higher education because they know there are few votes to be lost by doing so.

I don't intend to address the former issue because I see no merit in attributing blame. If energy is to be spent on this issue, let's spend it on finding solutions, not scapegoats. Higher education will receive improved funding if it can demonstrate that its activities are socially and economically worthy. In other words, we'll get improved funding by being good, not by crying poverty.

The Public & Community Relations Office cannot affect many aspects of "being good" (the quality of teaching; the willingness of service staff to be helpful; the commitment to individual need; the quality and quantity of equipment; etc.) but we can tackle the

latter part of Professor Wilson's argument.

Our office receives calls from reporters and broadcasters from Canada and the United States every day. What they want are experts in everything from aerospace to zoology.

What we want, and what every member of the University community should want, is to accept these opportunities. If you are a faculty member who is not listed in our Blue Book guide to University experts, please call our office and we'll add your name.

In addition, our office researches, writes and distributes a monthly package titled Research Highlights to 300 senior science writers and broadcasters around the world. With just two issues under our keyboards, Research Highlights has generated dozens of interviews with faculty members whose work we feature. Again, if you're involved in something the public and/or government should know about, we'd like to hear from you.

I'm not suggesting that faculty members shoulder the entire responsibility for promoting the University. But I am suggesting that we are all ambassadors and as such we all have an obligation to shout out our praises as often as the opportunity arises.

Our office is here to ensure that the message is heard.

Stephen Lint  
Senior Media Relations Officer  
Office of Public & Community Relations



**D. SHUTER ROBES LTD.**

26 Duncan St.  
Fifth Floor  
Toronto, Ontario  
M5V 2B9  
416-977-3857

Academic Robes  
and Hoods  
Authorized Robemakers  
to University of Toronto

## HARCOURTS LIMITED



OFFICIAL UNIVERSITY OF TORONTO ROBES

ALL CANADIAN AND FOREIGN UNIVERSITIES

26 Duncan Street TORONTO (416) 977-4408

## Search committee, CIS director

A search committee has been established to recommend a director for the Centre for International Studies. Members are: Professors T.M. Robinson, dean, SGS; D.E. Moggridge, associate dean, SGS, (chairman); Ian Drummond, vice-dean, arts and science; Modris Eksteins, history, Scarborough College; Janice Stein and Stefan Dupré, political science; Albert Berry, economics;

Robert Prichard, dean, and W.C. Graham, law; and Aubie Angel, director, Institute of Medical Science; Carol Nash, graduate student, education; and P.J. White, SGS, (secretary).

The committee will be pleased to receive comments or submissions from interested persons. These may be sent to Associate Dean D.E. Moggridge, chairman, at the School of Graduate Studies, 63 St. George St.

## Search committee, associate dean, sciences, Erindale College

A search committee has been named to recommend a successor to Professor J.J. Fawcett, who will be completing a second term as associate dean of sciences, Erindale College, on June 30, 1986. Members are: P.W. Fox, principal (chairman); J.J.B. Smith, vice-dean, Faculty of Arts & Science; D.J. Rowe, associate dean, School of Graduate Studies; F.I.M. Craik, acting

chairman, psychology; A.J. Poë, chemistry; P.-Y.F. Robin, earth and planetary science; Josef Svoboda, botany; Gordon Gracie, survey science; I.R. Graham, mathematics; J.V. Canfield, philosophy; and Susan Curry, principal's office (secretary).

Nominations of candidates may be sent to the secretary or to any member of the committee.

## Search committee, drama centre director

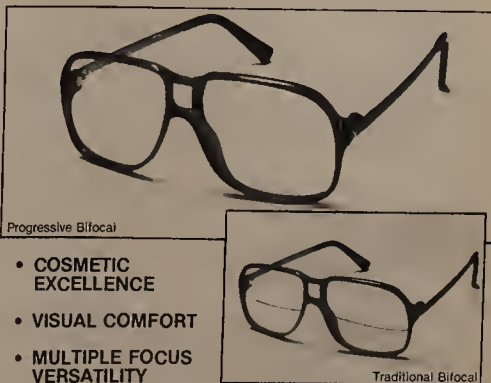
A search committee has been established to recommend a director for the Centre for the Study of Drama. Members are: Associate Dean P.J. Perron, SGS, (chairman); Vice-Dean Ian Drummond, arts and science; Brian Parker, English; Ann Saddlemeyer, drama; J.F. Burke, Spanish and Portuguese; T.H. Levere, IHPST; Aubrey Rosenberg, French;

Lynn Jakes, graduate student, English; and P.J. White, SGS, (secretary).

The committee will be pleased to receive comments or submissions from interested persons. These may be sent to Associate Dean Paul Perron, chairman of the committee, at the School of Graduate Studies, 63 St. George St.

NOW  
AVAILABLE

## NEW PROGRESSIVE BIFOCALS

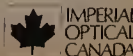


- COSMETIC EXCELLENCE
- VISUAL COMFORT
- MULTIPLE FOCUS VERSATILITY

The ultimate in Ophthalmic engineering excellence now makes possible the latest progressive bifocal lens.

1. A completely distortion free distance portion.
2. A gentle power increase into the progressive zone.
3. A short but wide progressive power corridor.
4. Lateral distortion reduced to horizontal axis astigmatism.
5. A large stabilized reading area.

For more information or a demonstration of how the Progressive lens can provide cosmetic excellence, visual comfort and multiple focus versatility - consult your eye specialist.





# Classified

A classified ad costs \$5 for up to 35 words and \$25 for each additional word. Your name counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to University of Toronto must accompany your ad.

Ads must be submitted in writing, 10 days before Bulletin publication date, to Marion de Courcy-Ireland, Department of Communications, 45 Wilcocks St., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone.

## Accommodation Rentals Available - Metro

**Comfortable, central** (walk to subway), three bedroom home. Large fenced yard, all appliances. 6 weeks July to mid-August, \$800. Phone N. Waldman (416) 635-9765 evenings.

**Avenue Rd.-Eglinton.** 4 bedroom furnished house; lovely woodwork, fireplace, piano; modern kitchen, 6 appliances. Good local schools; nonsmoker; Aug. 88-March 87. \$1400/month + utilities. 489-6463 or 978-5289.

**Cabbagetown.** Fully furnished, renovated Victorian row house, 3 bedrooms, 3 bathrooms, study, fireplace, deck, 6 appliances, walking distance to U of T. Ideal for family with young children. Available July '86 - July '87. \$1500/month + utilities. 920-1432.

**St. George - College area.** 1 bedroom apartment, newly refurbished, clean, quiet. Eat-in kitchen and own bathroom. Seconds to your classroom. \$550 monthly plus small utilities bill. Call 968-9392 evenings.

**Large 2-bedroom house** available July 86 - Sept. 87. Furnished, appliances, fireplace, walkout, deck, large garden, private drive, garage. Prince Edward/Bloor. \$900/mo. + utilities. References. 233-9515 evenings.

**Furnished home** (3 bedrooms + office), nice garden, for rent during research leave. September 1986 - August 1987, flexible. Pleasant, quiet east end street, close to Pape subway, shopping, schools, park. Children welcome. \$1000/mo. Phone (416) 466-6165.

**Annex.** Furnished three bedroom renovated semi, 3 washrooms, 5 appliances, garage. 15 minutes walk to campus. June 1, 1986-July 31, 1987. \$1300 + 925-4010.

**Midtown.** 15-min. drive to University, convenient shopping, furnished house, 4.5 bedrooms, 1-1/2 bathrooms, 5 appliances, piano, French immersion schools. \$1400 monthly. July '86-Aug. '87. Prof. Patricia Vicari, Scarborough College, 284-3171, evenings, 481-1947.

**Summer rental, Robert at Sussex.** Professor's furnished 2 bedroom renovated Victorian home, 1 block from campus, washer, dryer. Available May 1 - August 31. \$850 per month, utilities included. 929-9092.

**Summer Rental.** Renovated furnished house. Living, dining, 3 large bedrooms, study, washer dryer, skylights, atrium, balcony, exposed brick. Close to High Park. 10 minutes to campus by TTC. Available May-Sept 1986. \$760/month. 766-0595.

**For rent to couple or family:** beautiful 4 bedroom furnished home, wooded ravine, 2-1/2 baths, 2 fireplaces, steps to shopping, schools. July 1/86 for 6 to 8 months. \$1500. Prof. Henry 444-2139 (home), 978-3141 (business).

**House for rent.** Riverdale, 2 min. TTC to U of T. Furnished 2/3 bedroom, semi-detached, all appliances, sunroom with fireplace, piano, private patio and garden, sundeck, garage. Available October 1st for one year lease \$1,100/month + utilities. 465-7956.

**Luxury apartment, furnished.** Bay/Bloor, available July-August 1986, south west exposure, bright, spacious, three bedrooms, pool, sauna, underground parking (extra \$70/month), laundry facilities. 964-8154/653-2350, \$1180/month no cat; \$980/month with cat.

**For rent - year, more or less,** dates flexible. Ground floor duplex on campus, garden, garage. Completely, comfortably furnished living, dining, bedroom (double), study/bedroom - linen, crystal, colour T.V., stereo, washer, dryer. Owner going abroad. \$1250 monthly inclusive. Ms Baker, 15 Glen Morris St. M5S 1H9. (416) 591-1728.

**Two luxury unfurnished apartments for rent.** Both very large. 10 mins walk from campus, on Palmerston Blvd., must be seen. One is \$1300 + utilities, and other is \$1250 + utilities/month, references. (416) 534-9614.

**Furnished 1-bedroom apartment.** Yonge-Eglinton area modern highrise. Available from March 1 for short or long term, as required. Non-smoking professional person/couple preferred. \$695 mo. includes hydro and indoor parking. 783-9311, 483-2508.

**Rivordale.** Spottless one bedroom apartment newly decorated, broadband, access to garden TTC. \$595 + immed. 0146. Non-smokers. 465-0146.

**Townhouse, 3-bedroom, Mississauga.** unfurnished; close to Erindale campus and CEW. \$850/month + utilities. Available April 1/86. Prefer 1-year lease. 823-4055 evenings.

**Bathurst-Davenport** newly renovated 1 bedroom apt. Eat-in kitchen, livingroom, parking, heat and hydro incl. Applis. Facing south, close to TTC. No pets. March 1. \$625 537-5372. Mon.-Fri. after 6 p.m., Sat. & Sun. whole day.

## Accommodation Rentals Required

**Downtown Toronto:** Central furnished apartment for family of four, any time during June 21-July 25; prefer exchange with my 3-bedroom Moncton, N.B. house. Call 977-1998 or write Prof. Norman Vautour, 52 LaSalle Crescent, Moncton, N.B. E1A 5L6.

**Furnished accommodation required** for family of three. Summer 1986-Summer 1987. Prefer city location with easy access to University. Local references available. Allan, P.O. Box 1413, Sackville, N.B. E0A 3C0.

**Professional family** with three school-aged children needs a house to rent while own home is being renovated. 3 bedrooms and furnished, if possible April-August. Dr. M. Tepitsky 922-4285. Please leave message.

## Accommodation Shared/Exchanges

**Professional wanted to share** 2 bd. highrise near Sherbourne/Bloor subway with same. Rent: \$370.00/month. (Parking \$40/mon. extra). Mostly furnished. Great view. Call Pam: 860-0204 days; 921-4077 eve.

**Danforth/Chester** - cozy home near subway and shops. share house and contents with 1 professional woman. 2 baths, parking, laundry, deck, garden, finished basement, bedroom unfurnished. Non-smoker. \$425 all inclusive. 465-5012 evenings.

**Professor from Cambridge, England** would like to exchange homes from July 5 September 5, 1986. Five bedrooms; two bathrooms, garage; garden, 1 mile from college. Would like to exchange for comparable 3 bedroom house. Possible exchange of cars. Please contact: Canadian Institute for Theoretical Astrophysics at 978-6879 for further details.

## Accommodation Overseas

**Amsterdam near Amstel River.** For rent: renovated attic, close to all public transportation. Sleeps 2-3. \$175 p.w. 284-5058 after 5 p.m.

**Sabbatical retreat south of France.** Spacious house, part of former chateau, fully furnished and equipped, 12 miles Montpellier, 20 to Mediterranean in wine-producing village. Courtyard garden, telephone, garage. September 1, 1986 to June 30, 1987. \$600 mo. 978-2652 or 690-4481.

**South of France (Toulon).** To rent June, July, August. Charming furnished bachelor apartment. Well-situated. Five mins. walk to nice beach. Summer university. 1800 francs/month includes utilities. References. Tel. 922-4610.

**Wanted: House in Tuscany or Umbria** for small family. July or August. Call 651-6037. Ask for Irene (evenings).

## Vacation/Leisure

**Clearwater, Florida.** 3 bedroom home. Close to beaches, tennis and golf. Ideal for 1 or 2 families. US\$275/week. April-November; US\$325/week December. March extended rates on request. 978-7078 or 593-5186.

**MALVERNS/COTSWOLDS** - Enjoy B&B with a difference. Escape the usual tourist routes and explore the U.K.'s loveliest countryside from our 18th century beamed farmhouse. Canadian and wife offer warm hospitality and gourmet food as well as assistance in planning holiday visits to cathedrals, stately homes and country byways. Toronto references available. Details from: Muriel Pushman, Danemoor Farm, Welland, Nr. Malvern, Worcestershire, WR13 6NJ.

**Backpack Canada, United States & South America.** Adventure-style backpacking treks in the magnificent Canadian Rockies, the Grand Canyon in Arizona, the lower Appalachians during the autumn colour season, the Florida Trail, hut hopping in the White Mountains of New Hampshire, the Grand Tetons of Wyoming, the Andes Mountains of PERU, the Weminuche Wilderness of San Juan National Forest in Colorado and other exciting treks. For those who feel a full backpacking trip would be too difficult, we have some trips where we hike out daily from a base camp in scenic backcountry areas. No experience required. Trips are 7 to 10 days' duration. Request brochure WILLARD'S ADVENTURE EXPEDITIONS, Box 10, Barrie, Ontario, Canada L4M 4S9. (705) 737-1881 daytime, (705) 728-4787 evenings.

**HIKING AND CYCLING** in style throughout the summer and fall of 1986. Switzerland, Austria, Italy (Dolomites), England, Nepal. Experienced guides, good food and accommodation, fun. Call Dolomite Tours Ltd. (416) 486-7472.

**Isle of Wight, U.K.** Take a relaxing vacation on this island off the south coast of England. Numerous historical sites to visit and beautiful sandy shores to lie around on make this a great place for that old-fashioned holiday. Write: Ken & Viv Hewett, 94 Wilton Park Rd., Shanklin, I.O.W., England PO37 7BY. Rates: £75 and evening dinner £75 per week (app. \$150 Can.).

**Housetrailer Vacation, May-Sept.** On scenic farm with stream, stately maples, Rice Lake view, minutes to swimming and fishing, very private. 1.5 hours drive from Toronto. Only quiet, responsible, nature-respecting campers accepted. \$20/day. 653-5746.

## Secretarial

**Typing of books, theses, articles.** Fifteen years' academic, legal, medical experience. Excellent work. IBM Correcting Selectric II, \$1.35 each double spaced text page. (20 page minimum) Pam, 925-4967. St. George Street, north of Bloor.

**Word processing services** - manuscripts, theses, resumes, reports, etc. Efficient, reasonable and fast. Call The Office Works 531-8782.

**Professional Word Processing ("camera ready" copy),** photocopying, transcription. Specializing in theses, scientific reports, multiple repetitive letters and persuasive resumes. Sterling University References. On campus - 81 Harbord St. at Spadina 968-6327.

**BUSY FINGERS** Secretarial Services - We offer fast and accurate typing of essays, theses, academic papers, etc. Satisfaction guaranteed. 1050-A Bloor St. W., Toronto, 532-5101.

**AFT Word Processing.** "Today's Secretarial Service". Professional, fast, accurate and reasonable rates. For all your repetitive chores and typing needs, specializing in letters, reports, manuscripts, theses, essays, books, etc., call now at 924-5287.

**Word Processing Typing** Theses, Resumes, Manuscripts, Reports, Letters, Labels, Envelopes. We provide final copy on plain bond for photocopying or on your letterhead. Call the Word Processing Professionals 593-6250. WORDWRAP Inc., 111 Elizabeth Street (Downtown).

**TYPING.** Essays, theses, manuscripts. Fast, accurate, quality work. Reasonable. Call Heidi at 533-1973.

**Professional Word Processing.** Essays, reports, theses, resumes, cover letters, etc. cheerfully done. High quality Daisy Wheel Printing. Competitive rates. Call Lippincott Word Processing conveniently located at Harbord and Bathurst. Phone 588-1340 evenings.

## Miscellaneous

**Passport photos** now on campus. 8/W Polaroid, 2 for \$6.50 (incl. tax, cash or internal code only). Wednesdays 10-2. Inst. Media Services, Rm 021, Best Inst. 112 College St. 978-8919.

**Your Own Credit Union.** If you are employed by the U of T you can join the University and Colleges Credit Union (Unicof). For further information call 978-5505 and ask for the member services department.

**BEEF BEEF BEEF** Grain fed young beef for your freezer. Tenderness and flavour guaranteed. Government inspected. Raised on faculty member's farm, priced below market, and delivered in Metro. Contact Professor Bruce Conchie evenings through 492-7764 or weekends at 613-478-5205.

**Professionals Only** Singles Registry and Introduction Agency for University Graduates aged 25 to 45. (Proof required.) Established 1981; over 1583 registered. Registry parties: opera, theatre, wine-tastings, guest speakers, dances, etcetera, for \$32 and up. Introduction agency arranges personal introductions for \$675. 927-PEER.

**Accent Need Adjustment?** Workshops forming with "accent" on production and formation of the English sound system, English pronunciation and intonation patterns. Small groups, ten weekly sessions. Personalized attention. Christine Gandy, B.A., Reg. OSHA Language/Speech Pathologist 757-6691.

**MICROCOMPUTERS AND RESEARCH.** Our company specializes in training, consulting and programming on the IBM PC/XT/AT and compatibles.

We are interested in working with researchers, in the sciences and medicine especially, who need specialized computer programs as part of their research efforts. We can help in all phases of the implementation of microcomputers for research applications, from the choice of hardware, through the design and development of sophisticated customized programs.

We have, in the past year, done work of various types for several departments and faculties at U of T, as well as for corporate and institutional clients. Specifically, we have designed, written and implemented a number of customized database applications, and several statistically oriented, data analysis projects.

In addition, we have trained hundreds of managers, and business people in the use of microcomputers, in particular the use of Lotus 1-2-3, dBASEIII, Symphony, DOS, and several word processing packages.

Why don't you call us to discuss, with no obligation, how we can help you. VISION COMPUTER EDUCATION INC., 654-3033.

**Weight Control Effectiveness Program.** An alternative to dieting & overeating. A group program designed for gradual weight loss, for developing a positive self-image and for reducing guilt around eating. Sessions begin every ten weeks. Contact Magdalene Agrafiotou, M.A. Tel. 928-3117.

**Find connections** between your central theme(s) & patterns and what gets in the way of achieving your personal goals. For individual counselling contact Magdalene Agrafiotou, M.A. 928-3117.

**Tutors required.** English, Maths, Science & French Elementary and secondary levels, for locations in Scarborough, Milton, Mississauga, Brampton, Markham & Rexdale. Proficiency in specialty essential. \$7-\$10 per hour. Centre For Achievement, 964-3826. The Centre is a non-profit organization helping disadvantaged students.

**The Hospital for Sick Children** needs 5 to 10 year old children with normal eyes for a vision study. Their results will provide a standard for tests of children treated for cataracts. If you can help us, call 626-5465.

**Babysitter:** Full time babysitter wanted for 8 month old daughter of professor and post doctoral fellow. Weekdays 8 to 4. Experience and references desirable. Call 922-9770 or ask for Andy Bogner at 978-2547.

**Babysitter needed.** Wednesdays 8:30 to 10:30 a.m., Thursdays 9:30 to 11:30 a.m., \$5.00/hr., Bloor/Spadina area. Call 921-5068 (Non-smokers only).

## Council of Ontario Universities

**Secretary to the Executive Director,** immediate vacancy. Challenging position for person with strong interpersonal and office skills, including wordprocessing (Wordstar). Applicants must have excellent organizational skills, with supervisory ability and capacity to handle wide variety of general administrative/secretarial responsibilities. Additional requirements: flexibility, adaptability to team environment, and minimum five years related experience. Competitive salary and benefits package. Applications, with résumé, to:

Mrs. Esmé Cummings,  
Council of Ontario Universities,  
130 St. George St., Suite 8039,  
Toronto M5S 2T4.